website:http://biz.LGservice.com
e-mail:http://www.LGEservice.com/techsup.html

COLOR TV
SERVICE MANUAL

CHASSIS : CW62A

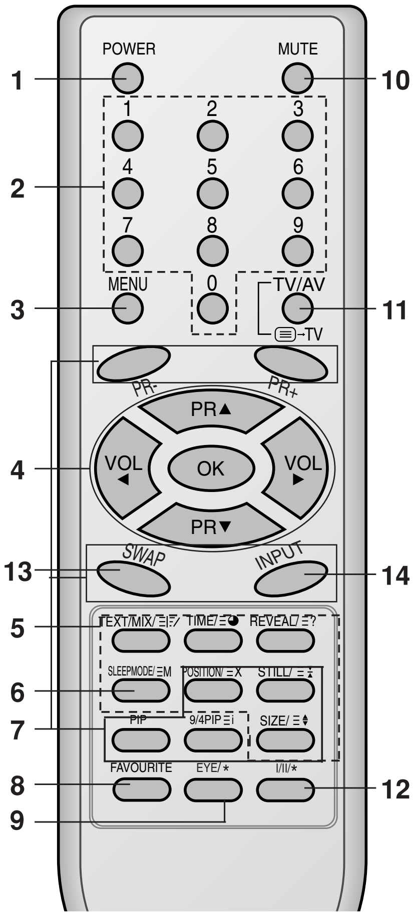
MODEL : 29FX6ALX
29FX6ALX-ZG

CAUTION
BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.

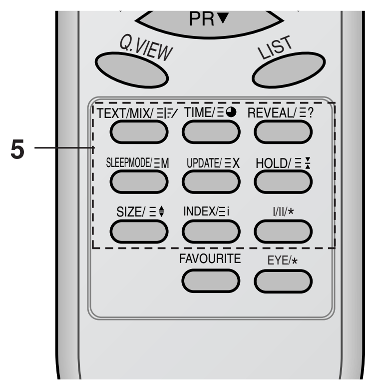


CONTENTS

DESCRIPTION OF CONTROLS



(With TELETEXT / PIP)



(With TELETEXT / Without PIP)

All the functions can be controlled with the remote control handset. Some functions can also be adjusted with the buttons on the front panel of the set.

Remote control handset

Before you use the remote control handset, please install the batteries. See the next page.

1. **POWER**
   switches the set on from standby or off to standby.

2. **NUMBER BUTTONS**
   switches the set on from standby or directly select a number.

3. **MENU**
   selects a menu.

4. **▲ / ▼ (Programme Up/Down)**
   selects a programme or a menu item.
   switches the set on from standby.
   scans programmes automatically.
   ◀ / ▶ (Volume Up/Down)
   adjusts the volume.
   adjusts menu settings.
   OK
   accepts your selection or displays the current mode.

5. **TELETEXT BUTTONS (option)**
   These buttons are used for teletext.
   For further details, see the ‘Teletext’ section.

6. **SLEEP**
   sets the sleep timer.

7. **PIP BUTTONS (option)**
   PIP
   switches the sub picture on or off.
   PR +/-
   selects a programme for the sub picture.
   SWAP
   alternates between main and sub picture.
   INPUT
   selects the input mode for the sub picture.
   SIZE
   adjusts the sub picture size.
   STILL
   freezes motion of the sub picture.
   POSITION
   relocates the sub picture in clockwise direction.
   9/4 PIP
   switches on or off the 9 or 4 sub pictures.

8. **FAVOURITE**
   selects a favorite programme.

9. **EYE/∗ (option)**
   switches the eye function on or off.

10. **MUTE**
    switches the sound on or off.

11. **TV/AV**
    selects TV or AV mode.
    switches the set on from standby.
    exits the Teletext mode

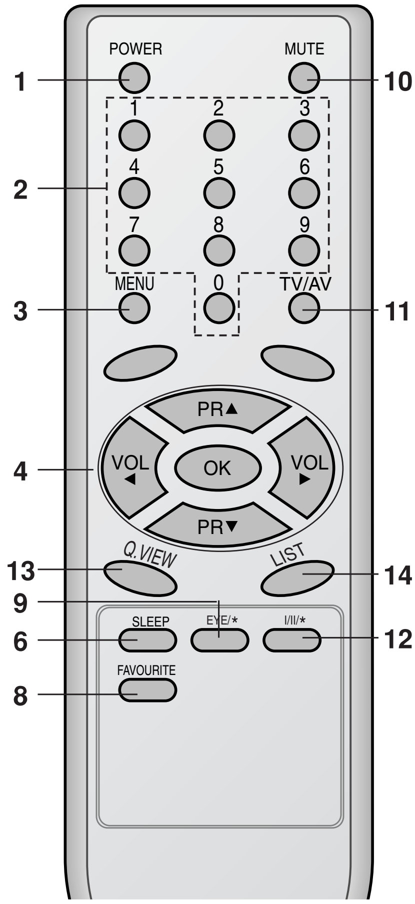
12. **I/II/∗**
    selects the language during dual language broadcast.
    selects the sound output (option).

13. **Q.VIEW (or YELLOW)**
    returns to the previously viewed programme.

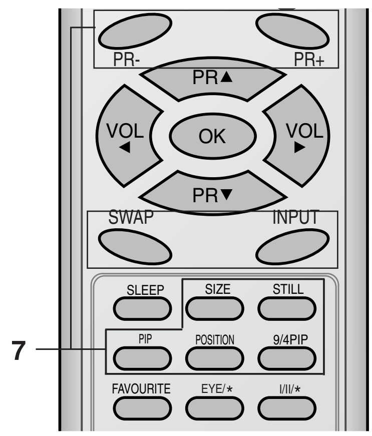
14. **LIST (or BLUE)**
    displays the programme table.

∗ : No function

COLOURED BUTTONS : These buttons are used for teletext (only TELETEXT models) or programme edit.

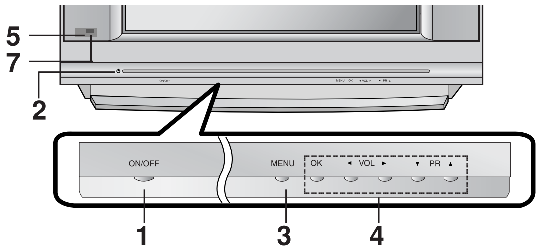


(Without TELETEXT / PIP)

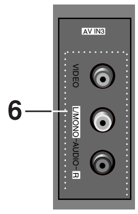


(With PIP / Without TELETEXT)

Front panel



Side panel



1. **MAIN POWER (ON/OFF)**
   switches the set on or off.

2. **POWER/STANDBY INDICATOR**
   illuminates brightly when the set is in standby mode.
   dims when the set is switched on.

3. **MENU**
   selects a menu.

4. **OK**
   accepts your selection or displays the current mode.
   ◀ / ▶ (Volume Down/Up)
   adjusts the volume.
   adjusts menu settings.
   ▲ / ▼ (Programme Up/Down)
   selects a programme or a menu item.
   switches the set on from standby.

5. **REMOTE CONTROL SENSOR**
   Note : *Only use the supplied remote control handset. (When you use others, they'll be not able to function.)*

6. **AUDIO/VIDEO IN SOCKETS (AV IN3)**
   Connect the audio/video out sockets of external equipment to these sockets.

7. **EYE (option)**
   adjusts picture according to the surrounding conditions.

SPECIFICATIONS

Note : Specification and others are subject to change without notice for improvement.

■ Scope

This specification can be applied to all the television related to CW62A Chassis.

■ Test and Inspection Method

1) performance : Follow the Standard of LG TV test
2) Standards of Etc. requirement
   - Safety: IEC60065
   - EMC: EN55020,EN55013

■ Test Condition

1) Temperature : 20 ± 5°C(CST : 40 ± 5°C)
2) Relative Humidity : 65 ± 10%
3) Power voltage : AC110-240V~, 50/60Hz
4) Follow each drawing or spec for spec and performance of parts,based upon P/N of B.O.M
5) Warm up TV set for more than 20min. before the measurement.

■ General Specification

No	Item	Specification	Remark
1	Receiving System	PAL,SECAM BG PAL/SECAM DK PAL-I/I NTSC M NTSC 4.43(AV) SECAM-L/L' NTSC M/ PAL M/N	EU/ Non EU OPTION
2	Available Channel	VHF : E2 ~ E12 UHF : E21 ~ E69 CATV : S1 ~ S20 HYPER : S21 ~ S41	Non EU/ EU
		VHF : 02 ~ 13 UHF : 14 ~ 69 CATV : 02 ~ 13	NTSC-M
3	Input Voltage	AC 110-240V, 50/60Hz AC 230V, 50/60Hz	Non EU EU
4	Market	EU,CIS, China, Asia, Africa	
5	Screen Size	Flat 29"	
6	Tuning System	FVS 100Program	200 PR(W/O TXT)
7	Operating Environment	1) Temp : 0 ~ 45 deg 2) Humidity : below 85%	
8	Storage Environment	1) Temp : -20 ~ 60 deg 2) Humidity : below 85%	

ADJUSTMENT INSTRUCTIONS

1. Application Object

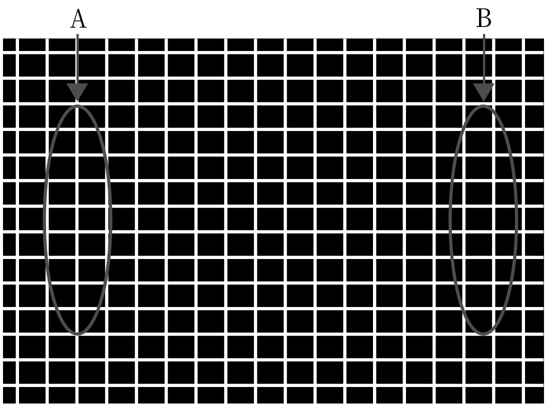
These instructions are applied to all of the color TV, CW62A.

2. Notes

(1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test instrument.
(2) Adjustment must be done in the correct order.But the adjustment can be changed by consideration of mass production.
(3) The adjustment must be performed in the circumstance of 25±5°C of temperature and 65±10% of relative humidity if there is no specific designation.
(4) The input AC voltage of the receiver must keep rating voltage in adjusting.
(5) The receiver must be operated for about 15 minutes prior to the adjustment.
(6) Signal: Received, the standard color signal.(65dB±1dB uV)
LG standard signal means the digital pattern (PAL_EU 05CH).

3. Focus adjustment

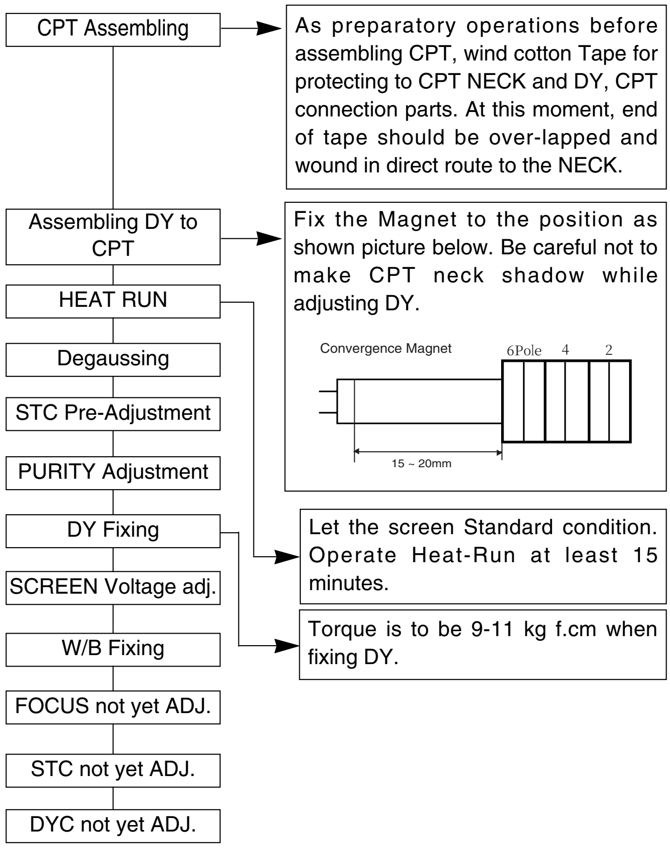
(1) Receive the Cross-Hatch Pattern(Fig 1).
(2) Set the picture condition on "DYNAMIC(CLEAR)" mode.
(3) Adjust the Focus volume of FBT for the best focus of (A) & (B).



<Fig 1. Cross-Hatch Pattern(E-7CH)>

4. Purity & Convergence adjustment

Adjustment should be operated when using the CPT(without ITC from CPT manufacturing place)
This adjustment must be done in the order of the following flowchart.



4.1. Color purity adjustment

(1) It makes CPT or CABINET enough to demagnetization.
(2) Receive the signal of red raster.
(3) Loosen fixed screw of DY and closely to CPT funnel part.
(4) Check the center of screen that PURITY MAGNET of CPT by crossing adjustment. At this time, 4 & 6 pole magnet is located to magnet of nothing.
(5) Move the DY to make equal red on whole screen and it does not to make the DY by fixed screw after check a simple color of Red/Green/Blue and white raster whether or not it is a pollution of color.
(At this time, take care raster of screen and DY must fixing in the condition which maintains a horizontality.)
(6) Check the TV set by move direction.

4.2. Convergence adjustment

These adjustments can the best condition of focus after finished purity adjustment.

(1) Receive the signal of cross hatch that BACK RASTER is black.
(2) Adjust brightness and luminosity till dot appear 9 ~12.
(3) Open angle of the two tab of 4 pole MAGNET by isogonic angle and accord with vertical line of red and blue color in the middle of screen.
(4) Maintain as angle of (3) and rotate the tab to accord with vertical line of Red and Blue color in the middle of screen.

(5) Open angle of the two tab of 6 pole magnet by isogonic angle and accord with vertical line of Red/Blue and Green.
(6) Maintain as angle of (5) and rotate the tab to accord with horizontal line. In case of twisted horizontal line,repeat adjustment of (3) ~ (5) remembering the movement of Red/Green/Blue color.
(7) Move the DY to best condition of convergence and attach the CPT to a rubber-chock for fixing DY.

5. Screen voltage adjustment

(1) Receive the PAL or SECAM(NTSC) signal into RF mode (regardless of channel).
(2) If you press the “ADJ”button in LINE SVC mode(IN-START button),the LINE SVC mode changes to screen adjustment mode.
(3) Turn the Screen Volume of FBT to change luminance of White signal center as shown below.
(4) Press the ADJ button to exit SVC mode.

6. White balance adjustment

NOTE : When adjusting white balance automatically,connect the adjustment JIG in SVC mode.(When pressing IN-START,MUTE button on remote control for adjustment orderly,it is changed to CPU OFF mode and screen is displayed to “CPU OFF”.)
(1) Receive 100% white pattern.
(2) Adjust LOW Light status(4.5FL) of CR(R CUT), CB(B CUT) at CG(G CUT:75) : 60.
(3) Adjust HIGH Light status(35FL) of WR(R DRIVE), WB(B DRIVE) at WG(G DRIVE:380) : 450.
(4) Repeat above step (2) and (3) for the best condition each status of High Light and Low Light.

<Table 1> White Balance Color analyzer

Menu	EU	N-EU
X	288	268
Y	295	273
Color Temperature	9000°K	13000°K

<Table 2> White Balance Initial Data

	Menu	Range	DATA
LOW LIGHT	BLO-R(R CUT)	0 ~ 63	32
	BLO-G(G CUT)	0 ~ 63	32
	BLO-B(B CUT)	0 ~ 63	FIX
HIGH LIGHT	RG(R DRIVE)	0 ~ 63	32
	GG(G DRIVE)	0 ~ 63	32
	BG (B DRIVE)	0 ~ 63	32

<Table 3> White Balance Initial Data
1. IC

	Name	Maker	Algorithm			
VCD IC			0	0	0	0
EP_ROM						

2. White balance IIC Parameter(Address)

Program	Win31_wb	TWB		Win31_wb	TWB	Speed	Delay
Vcd Slave		8A	Eeprom_Slave		A0	1	30

	B(R)_Amp		B(R)_Cut		G_Amp		G_Cut	
Program	Win31_wb	TWB	Win31_wb	TWB	Win31_wb	TWB	Win31_wb	TWB
Sub Add		20		17		21		18
Start Bit		5		5		5		5
Stop Bit		0		0		0		0
Offset		0		0		2		2
Polarity		1		1		0		0
EP_Rom_S		36		33		37		34

Speed/ Plus	2	2	2	2

7. Deflection setting Data Adjustment

7.1 Adjustment preparation

(1) Tune the TV set to receive an Digital pattern(EU05CH).
(2) Deflection setting data adjustment is operate by SVC communicator.
(3) Enter the deflection mode by selection SERVICE2 key on SERVICE MENU after enter the adjustment mode by pressing LINE SVC MODE(IN-START KEY).
(4) Use the CH ▲,▼ key to select adjustment item.
(5) Use the VOL ◀,▶ key to increase/decrease data.

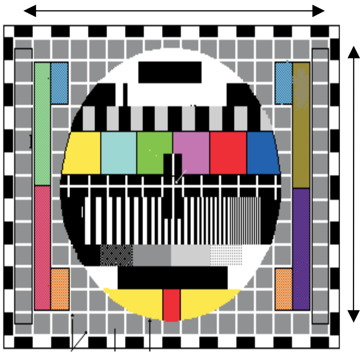
7.2 Adjustment

<Note>
- When adjusting a deflection,adjust N50Hz of PAL signal first and adjust a deflection data at N60Hz(NTSC), Z60Hz, N50Hz, W50Hz, Z50Hz.
- After finishing deflection adjustment, press the ENTER button to enter or exit SVC mode.

(1) H SHIFT
Adjust so that the geometric horizontal center line is in accord with horizontal center line of CPT.
(2) H PARALLEL
Adjust vertical inclination of screen.
(3) H BOW
After finishing Cushion adjustment, adjust curved rate of top & bottom corner to be equal.
(4) V LINEAR
Adjust the top & bottom size of inner circle to be equal.
(5) V SCROLL
Adjust so that the geometric vertical center line is in accord with vertical center line of CPT.

(6) EW WIDTH

Adjust until the outmost left and right lattice of received pattern is accord with 25% of other lattice width.



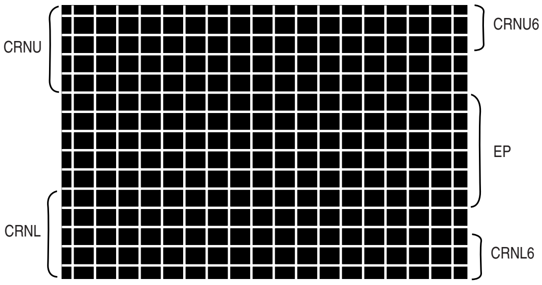
<Fig. 2>PAL Digital pattern (EU05CH)

(7) EW PARABOLA

Adjust so that middle portion of the outermost left and right vertical line look like parallel with vertical lines of the CPT.

(8) EW UPCORNER & (9) EW LOCORNER

After finished cushion adjustment, adjust vertical line of left-top, right-top, left-bottom, right-bottom of screen to the best straight line.



<Fig. 3> Cross-Hatch Pattern(E-7CH)

(10) EW TRAPEZOID

Adjust to make the length of top horizontal line same with it of the bottom horizontal line.

(11) V SLOPE

(12) V AMPLITITUE

Adjust so that the circle of a digital circle pattern should be located interval of 6~7mm from the effective screen of the CPT.

(13) S CORRECTION

Adjust so that all distance between each lattice width of top/center/bottom are to be the same.

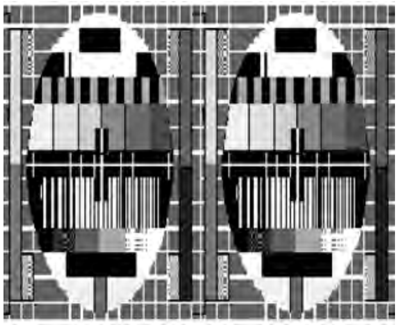
(14) V SHIFT

Adjust so that the geometric vertical center line is in accord with vertical center line of CPT.

(15) V ZOOM (VERTICAL ZOOM)

(16) PIP_H(PIP H Position) adjustment - option

Adjust the H-Position by using VOL +/- key until PIP picture is in contact with main picture.



<Fig. 4> PIP H Position

8. Deflection setting initial data

<Table 4> Deflection setting initial data (SERVICE 2)

* Fix : Don't change data

Item	Description	29"		Adjust
		50Hz	60Hz	
H-SHIFT	Horizontal shift	24	34	Adjust
H PARALL	Horizontal parallelogram	32	32	Recommend
H BOW	Bow	32	32	Recommend
V LINEAR	Vertical linearity	41	44	Recommend
V SCROLL	Vertical scroll	30	30	Adjust
EW WIDTH	EW width	57	57	Adjust
EW PARAB	Parabola adj	18	15	Adjust
EW UPCOR	Upper corner adj	49	45	Adjust
EW LOCOR	Lower corner adj	53	50	Adjust
EW TRAPE	Trapezoid adj	25	25	Adjust
V SLOPE	Vertical slope	17	25	Recommend
V AMPLIT	Vertical amplitude	34	29	Recommend
SCORRECT	S correction	35	30	Recommend
V SHIFT	Vertical shift	46	54	Recommend
V ZOOM	Vertical zoom	25	25	Fix
V SYNSLI	Vertical slicing level	0	0	Fix
OVRVOLIN	Over voltage input mode	0	0	Fix
VGUARD	Vertical guard mode	0	0	Fix

- After finishing deflection adjustment at PAL 50Hz, NTSC 60Hz is applied deflection compensation value. But recheck condition of adjustment at NTSC system and adjust deflection data if necessary.
- Adjust PIP Position adjustment at only PAL 50Hz.

9. Service adjustment data table

<Table 5> Picture setting service data1 (SERVICE 1)

ITEM	DESCRIPTION	29" S-SLIM
AGC	ACG take over	25
RG	Red Gain	32
GG	Green Gain	32
BG	Blue Gain	32
BLO-R	Black level offset Red	32
BLO-G	Black level offset Green	32
CDL	Cathode Drive Level	5
L-DLY	Luminance delay time	13
PEAK	Peak white limiting	1
SHOOT	Pre overshoot ratio	1

<Table 6> Picture setting service data2 (SERVICE 3)

ITEM	DESCRIPTION	29" S-SLIM
AM DEM G	AM DEMODULATOR GAIN-AMLOW	0
FM DEM G	FM DEMODULATOR GAIN-AGN	0
ADC LEV	ADC LEVEL(-16~5) - ADCLEV	0
DEC LEV	DEC LEVEL(-16~5) - DECLEV	0
MONO LEV	MONO LEVEL(-16~5) - MONOLEV	0
NICAMLEV	NICAM LEVEL(-16~5) - NICLEV	0
AUX1 VOL	AUX1 VOL - AUX1VOLL(R)	0
AUX2 VOL	AUX2 VOL - AUX2VOLL(R)	0
AUX3 VOL	AUX3 VOL(SCART1 RF SOUND OUT)	0
FMWINDOW	FM WINDOW FILTER (FMWS)	0
BOOSTVAL	BOOSTER	0
MAXVOL	MAX VOLUME	100
DCXO VAL	DCXO	63

<Table 7> OPTION 1, 2, 3, 4

	ITEM	Description
OPTION1	INCH	29 S-Slim/ 29 N-Flat
	SYSTEM	BG/DK/I/M, BG/DK/I/L
	200PR	W/O TXT=>200PR, W/TXT=>100PR
	TOP	TOP=>Germany, Swiss, Austria, Italy
	ACMS	Auto channel memory system
	CH-AU	China & Australia Frequency table
	BOOSTER	
OPTION2	SOUND	RF stereo / AV stereo / Mono option
	PIP	PIP option
	VOL CURVE	High / Low volume curve
	A2 STEREO	Nicam check & FM stereo / Dual
	I/II SAVE	Dual sound setting save
	HIDEVIAT (High deviation)	Sound high deviation
OPTION3	SCART	SCART option
	DVD	DVD option
	XWAVE	FM TX option
	EYE	EYE option
	4KEY	4 Key option
	TILT	TILT option
	DEGAUSS (Degaussing)	Degaussing option
OPTION4	OSD LANG	Refer to the next page(table.8)
	TXT LANG	Refer to the next page(table.8)
	REMOCON	
	HOTEL	HOTEL option
	TURBOSCH (Turbo search)	Turbo search
	TURBOP/S (picture/sound)	Turbo picture/ sound
	DCXO/A (DCXO auto adjust)	DCXO auto adjust

<Table 8> OSD & TEXT LANGUAGES

0	SOUTHEAST ASIA	0	ENGLISH		
		1		0	ENGLISH
				1	INDONESIAN
				2	MALAY
				3	VIETNAMESE
				4	THAI
		2	RESERVED		
		3	RESERVED		
		4	RESERVED		
		5	RESERVED		
		6	RESERVED		
		7	RESERVED		
1	EAST EU CYRILLIC TEXT	0	ENGLISH		
		1	EAST EU ALL	0	ENGLISH
				1	GERMAN
				2	RUMANIAN
				3	POLISH
				4	HUNGARIAN
				5	CZECH
				6	RUSSIAN
				7	BULGARIAN
		2	ENGLISH RUSSIAN	0	ENGLISH
				1	RUSSIAN
		3	RESERVED		
		4	RESERVED		
		5	RESERVED		
		6	RESERVED		
		7	RESERVED		
3	WEST EU GREEK TEXT	0	ENGLISH		
		1	EU 7EA	0	ENGLISH
				1	GERMAN
				2	FRENCH
				3	ITALIAN
				4	SPANISH
				5	DUTCH
				6	PORTUGUESE
		2	WEST EU ALL	0	ENGLISH
				1	GERMAN
				2	FRENCH
				3	ITALIAN
				4	SPANISH
				5	DUTCH
				6	SWEDISH
				7	NORWEGIAN
				8	DANISH
				9	FINNISH
				10	PORTUGUESE
				11	GREEK
		3	ENGLISH GREEK	0	ENGLISH
				1	GREEK
		4	RESERVED		
		5	RESERVED		
		6	RESERVED		
		7	RESERVED		

3	ARAB TEXT	0	ENGLISH		
		1	ARABIC	0	ENGLISH
				1	FRENCH
				2	ARAB
				3	URDU
		2	PARSI	0	ENGLISH
				1	FRENCH
				2	ARAB
		3	ARAB ALL	3	PARSI
				0	ENGLISH
				1	FRENCH
				2	ARAB
				3	URDU
				4	PARSI
		4	RESERVED		
		5	RESERVED		
		6	RESERVED		
		7	RESERVED		
4	PARSI TEXT		The same ARAB TEXT		
5	SOUTHEAST W/O TEXT		The same SOUTHEAST ASIA TEXT		
6	WEST EU W/O TEXT		The same WEST EU GREEK TEXT		
7	EAST EU W/O TEXT		The same EAST EU CYRILLIC TEXT		
8	ARAB W/O TEXT		The same ARAB TEXT		
9	CHINA, INDIA W/O TEXT	0	ENGLISH		
		1	CHINA	0	ENGLISH
				1	CHINESE
		2	HINDI	0	ENGLISH
				1	HINDI
		3	RESERVED		
		4	RESERVED		
		5	RESERVED		
		6	RESERVED		
		7	RESERVED		

10. How to inspect condition of a transmission and reception in FM TRANSMISSION MODEL

- FM TRANSMITTER's efficiency inspections is executed to a finished in a final inspection phase.
- FM TRANSMITTER is a function which receives voice-signal by an exclusive remote control and Earphone, transmits a FM through transmitter of inner part in MICOM BOARD to TV sound(MONITOR OUTPUT)

1) Execute in channel generating voice-signal
2) Select a transmitted frequency in MENU OSD.
   MENU => SOUND => TRANSMITTER => frequency selection (87.7MHz)
3) A received frequency in an exclusive remote control or received FM Radio is tuned by 87.7MHz(107.7MHz) which is same as frequency in OSD.
4) Check out whether a signal generating to MAIN SPEAKER generates in earphone or receiver or not.
5) There is no alternation and setting of adjusted DATA in the process of inspecting FM TX.

11.OPTION Adjustment

1) This option adjustment decides function in accordance with model. Press IN-START button at SVC mode, then adjust the option at OPTION1,2,3,4,5 mode.
2) Mark the option adjustment data like [112,68,164,32,8] in BOM.

* Mark of BOM

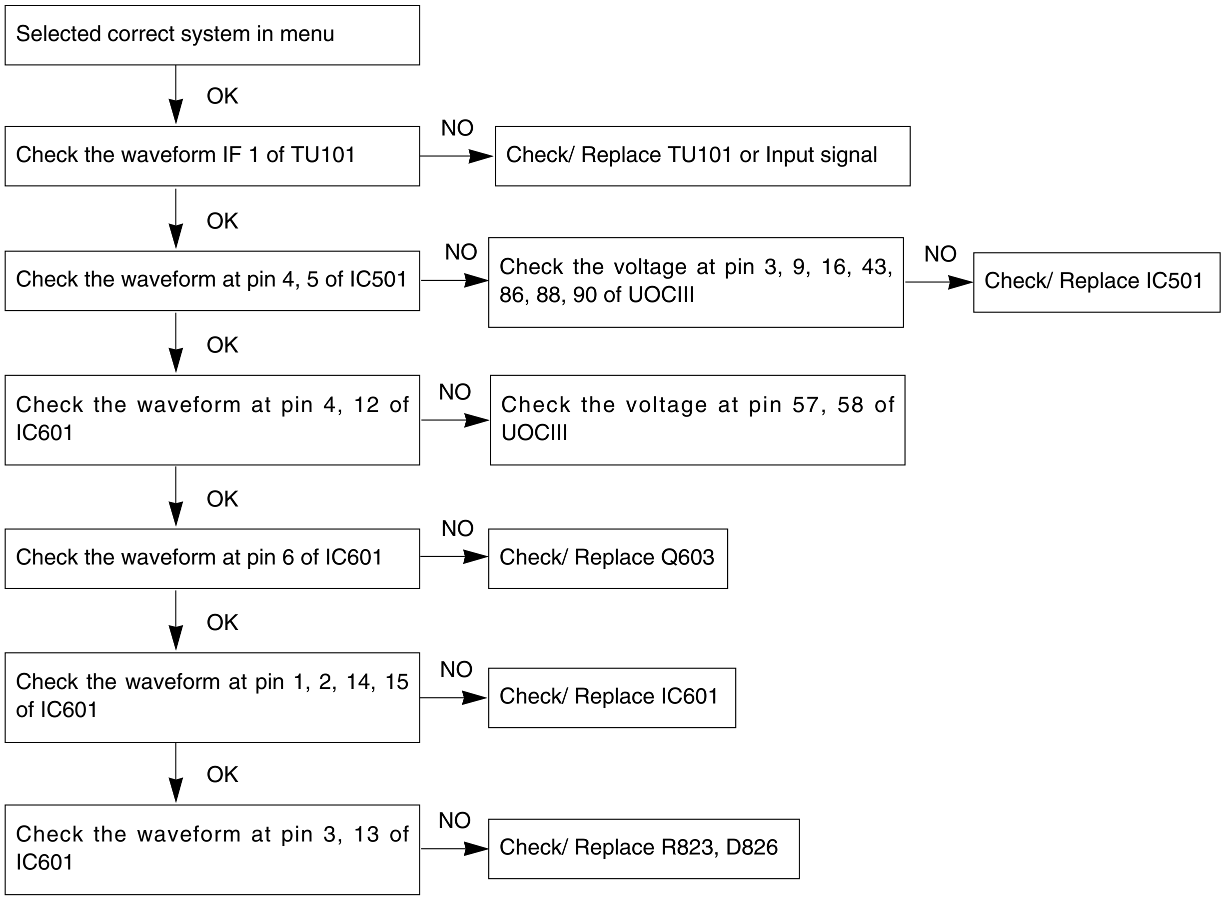
LEVEL	PART NO.	SPECIFICATION	DESCRIPTION
1.	3141VMN382A	MAIN CHASSIS ASSY	[112,68,164,32,8]

In this model, the OPTION1 data is 112, OPTION2 data is 68, the OPTION3 data is 164,the OPTION 4 data is 32, OPTION 5 data is 8.

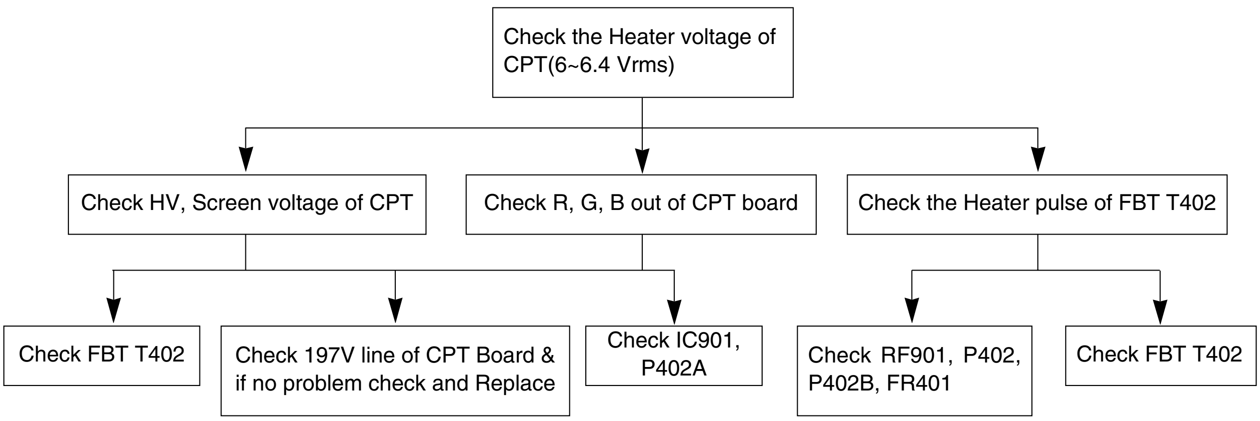
TROUBLE SHOOTING

1. RF-STEREO MODEL

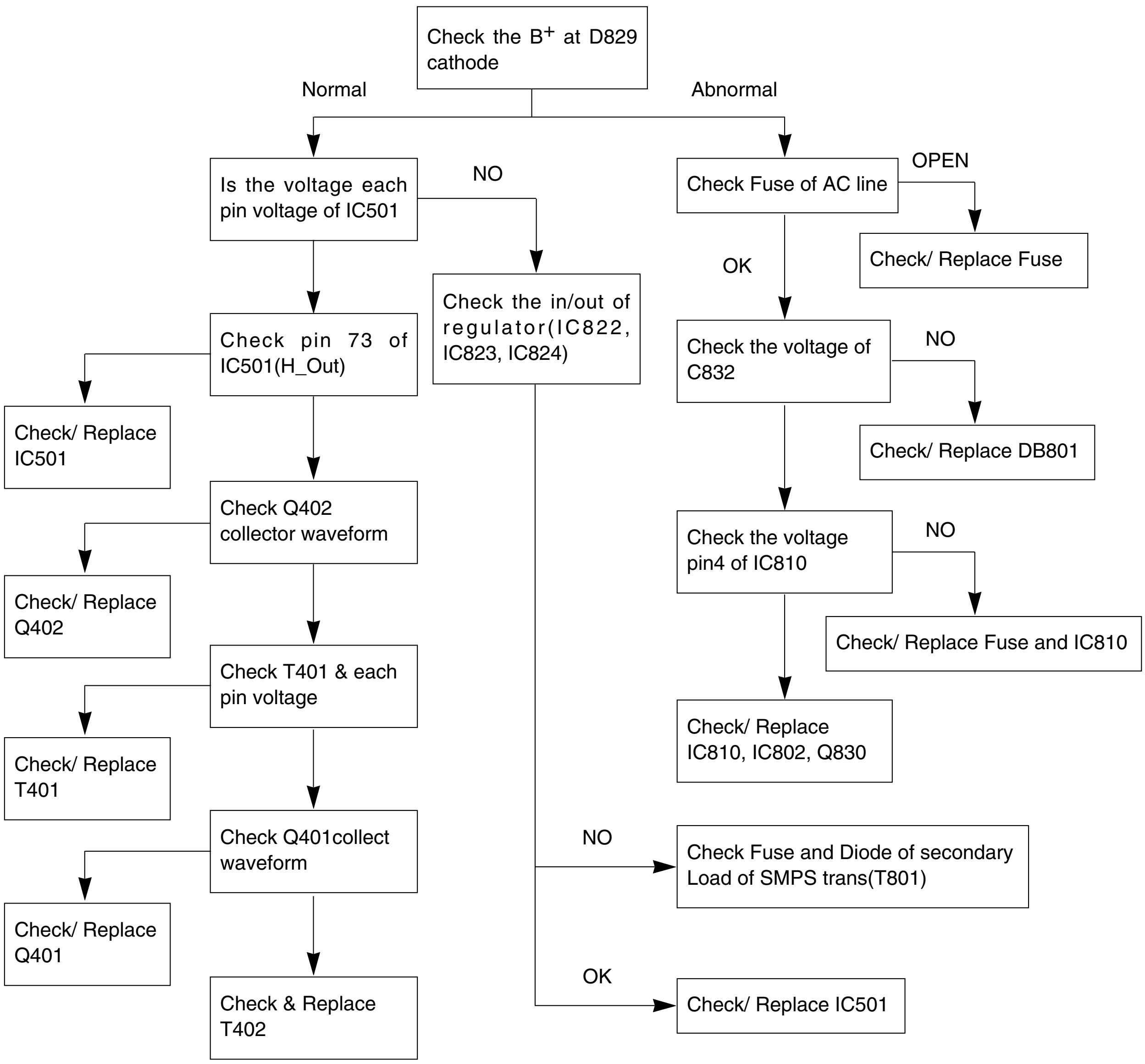
1) PICTURE OK / NO SOUND



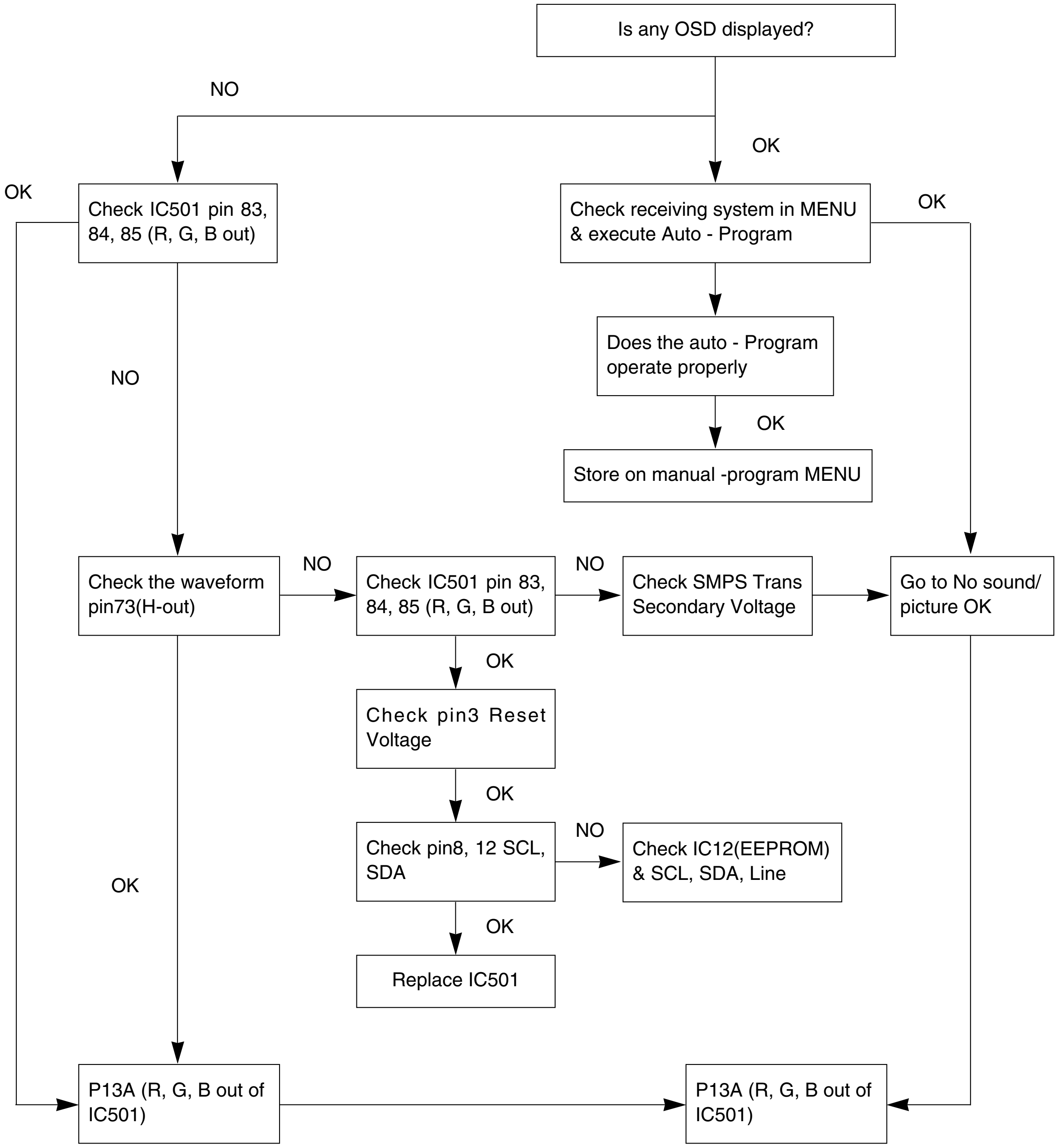
2) No Raster / Sound OK(1/2)



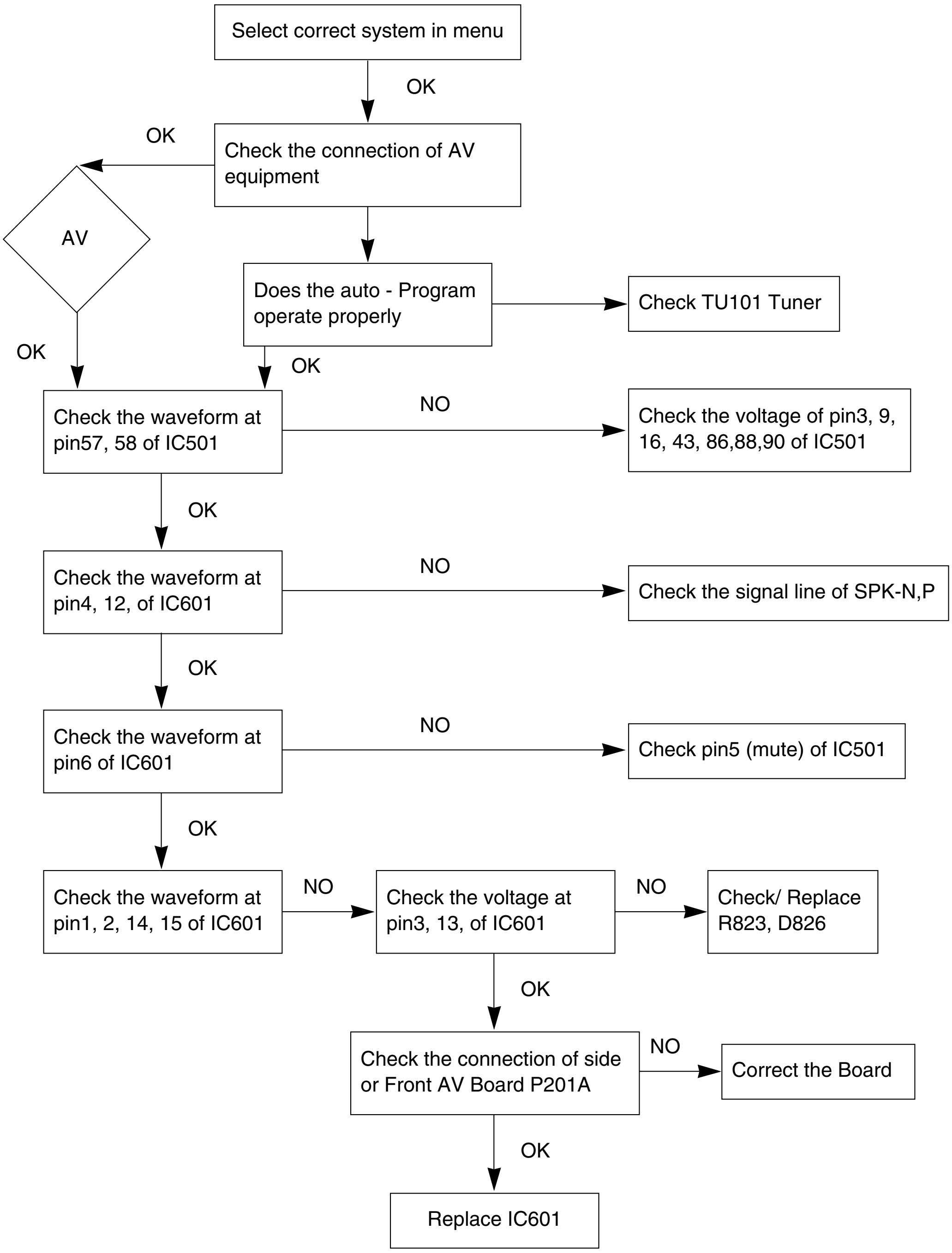
3) No Raster (2/2)



4) No Picture/ No Sound

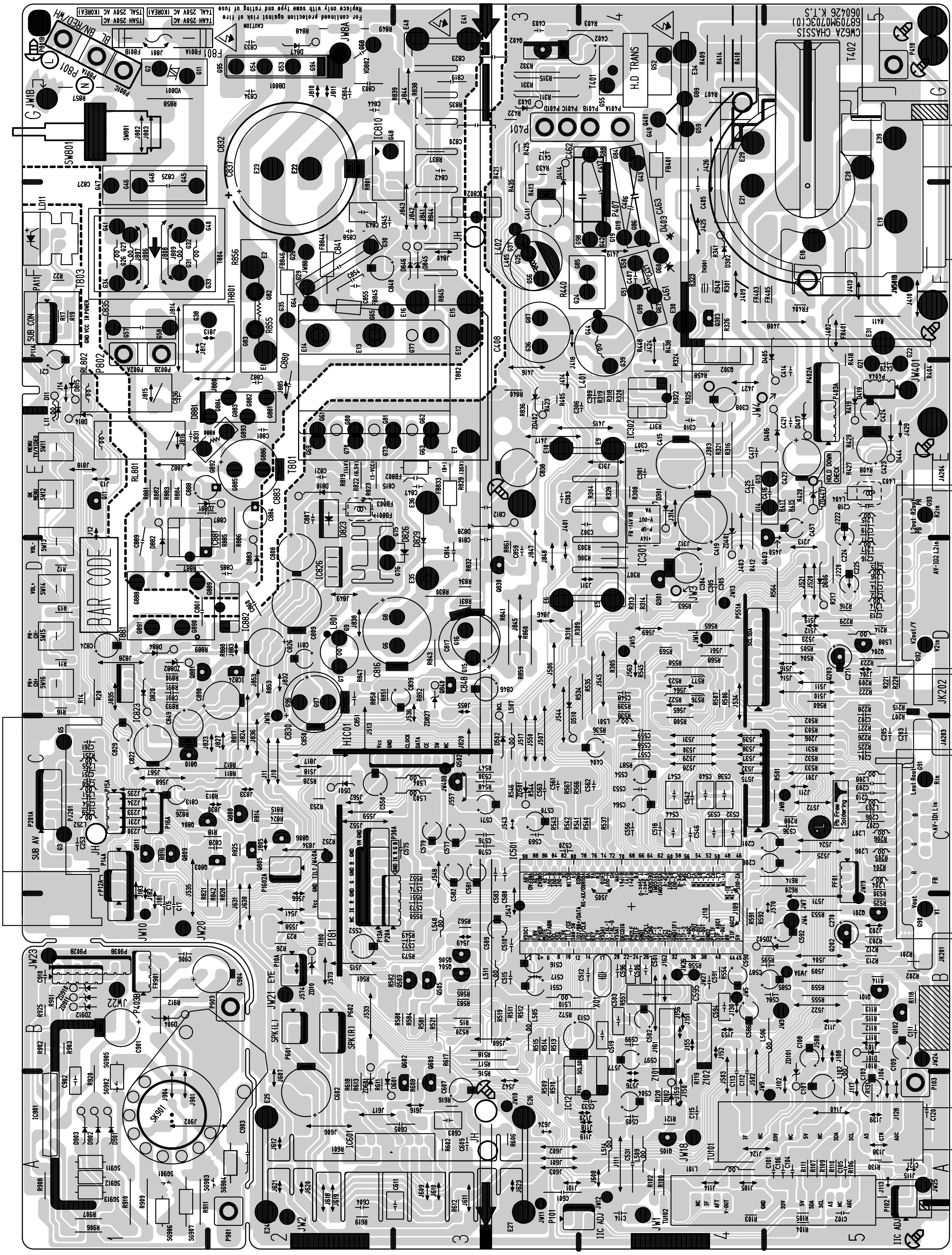


2. AV STEREO/ MONO MODEL

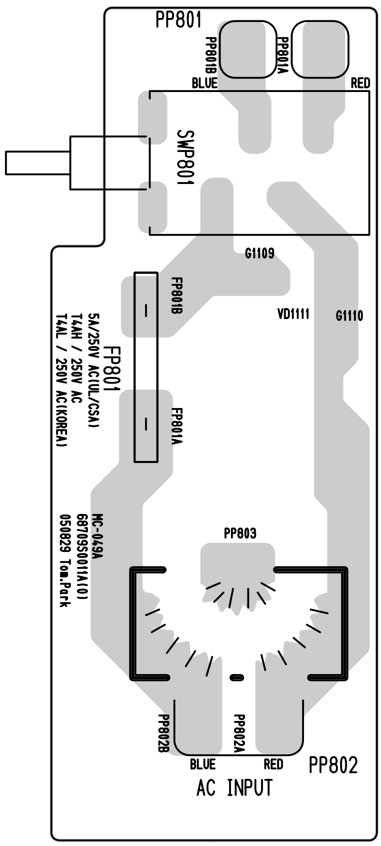


PRINTED CIRCUIT BOARD

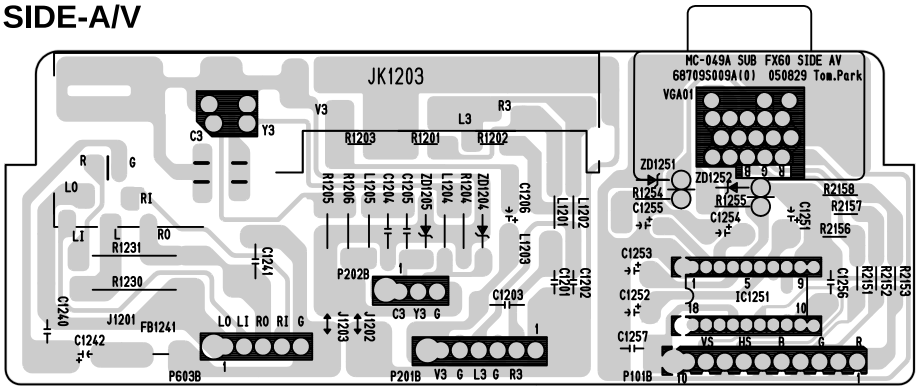
MAIN



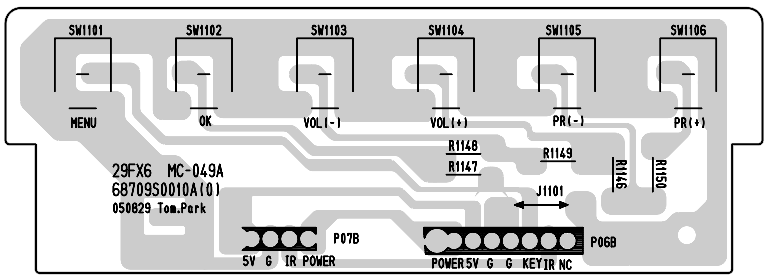
POWER



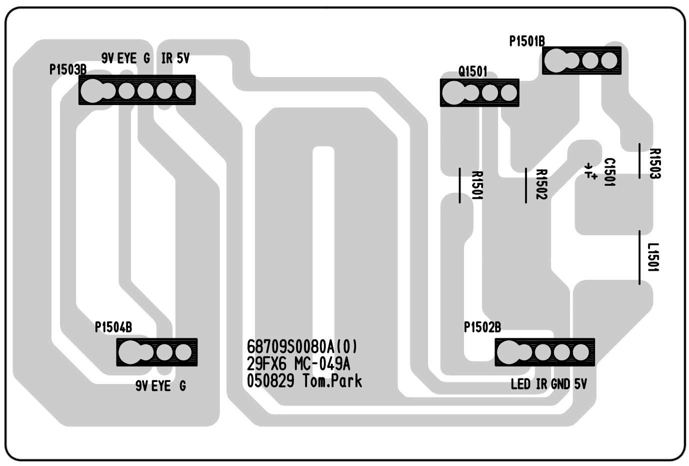
SIDE-A/V



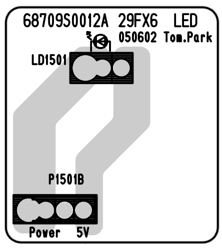
CONTROL



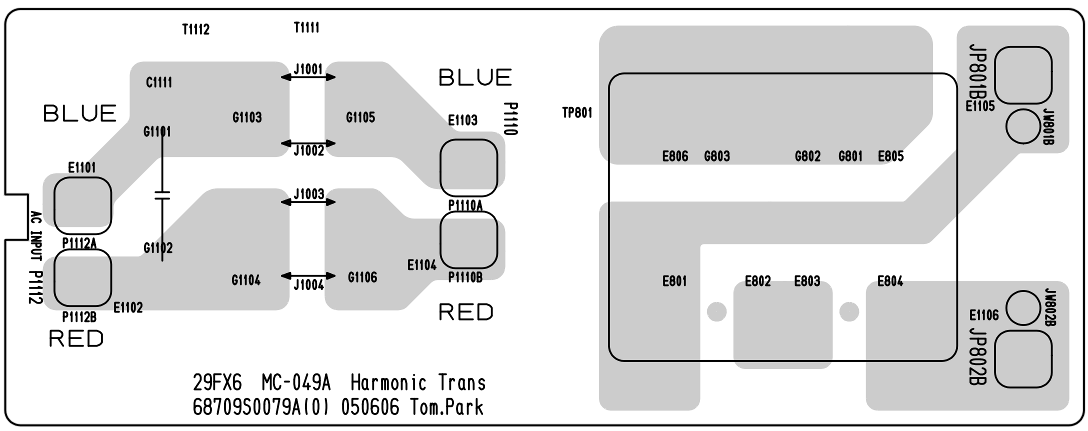
SMPS



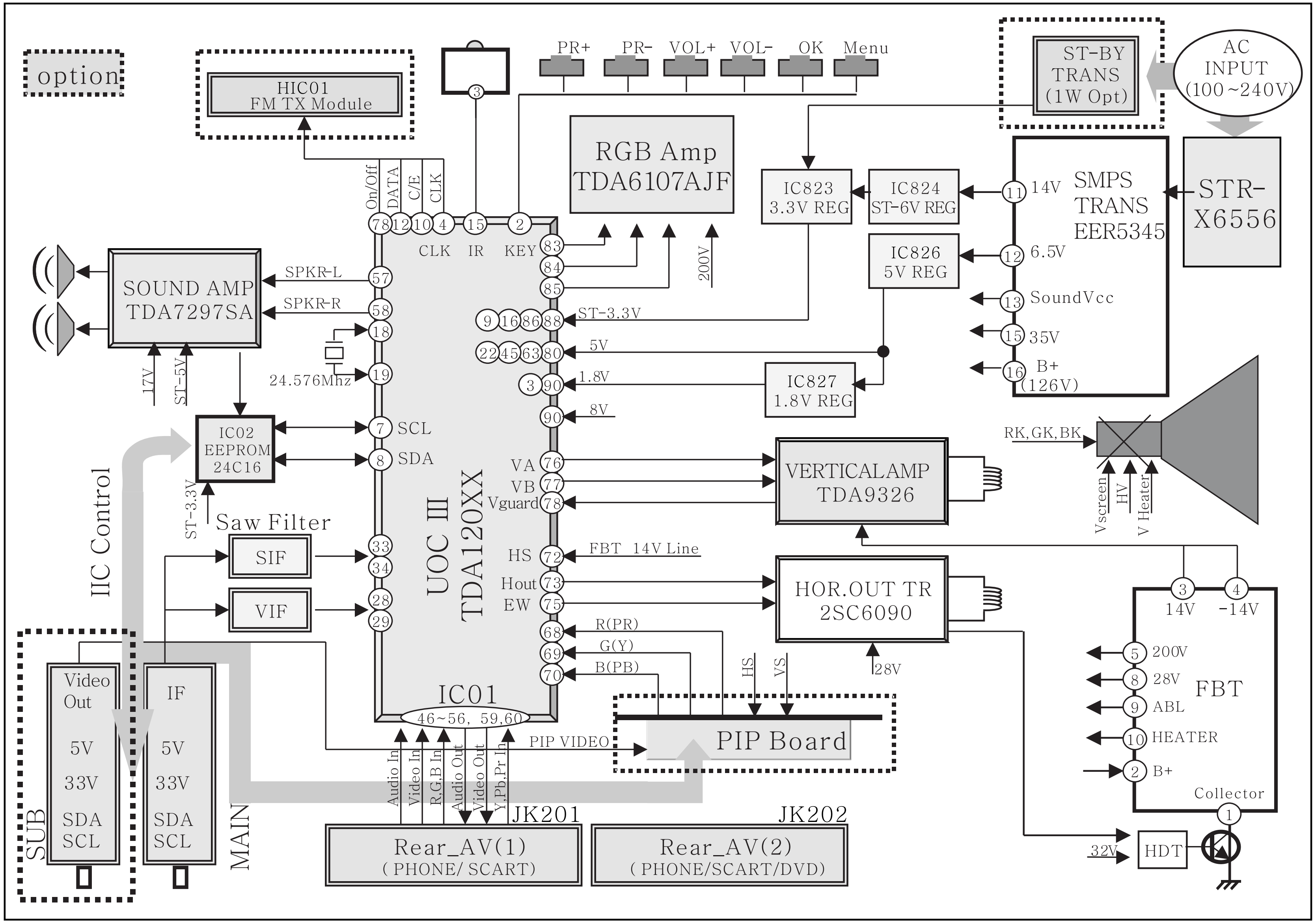
LED



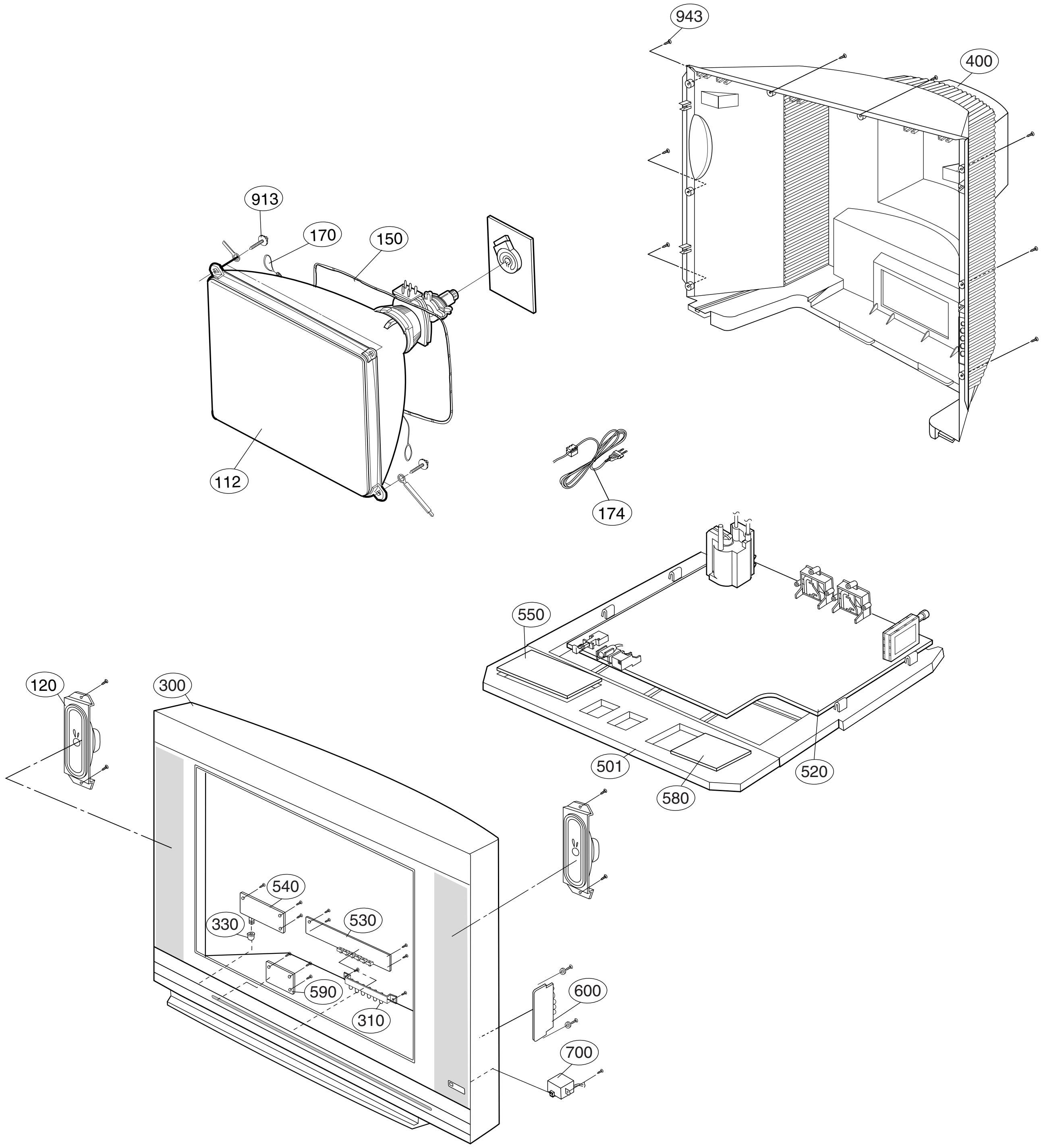
HARMONIC



BLOCK DIAGRAM



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

The components identified by mark ⚠ is critical for safety.
Replace only with part number specified.

LOCA. No.	PART No.	DESCRIPTIONS
⚠ 112	6334V29010B	CPT,Bare A68QCU770X 000MGB 29INCH FLAT 5/4 48KHZ
	6335V29029A	CPT,ITC A68QCU770X 770LGF 29INCH FLAT 0.0_0.5G 4/3 16KHZ
120	6400VA0025D	Speaker,Fullrange C163A01K1450 - 15W 8OHM 86DB 110HZ
⚠ 150	6140VC2007F	Coil,Degaussing RT-29FB75V 16OHM AL 55T 0.65mM SQUARE 29INCH
⚠ 170	170-844K	Drawing,Assembly CPT EARTH UL1015 AWG22-TBC 0.12X4X16MM 29INCH
⚠ 174	6410VEH001M	Power Cord Assembly, YP-205 TJC1-2Y 2.4M 400MM 250V 2.5A H03VVH2-F
⚠ 300	30919E0061C	Cover Assembly, 29FX6ALX CW62A 29”” SY-RA RA TOLL CW62A 50HZ
	3091V00832G	Cover Assembly, 29FX6RLQ-TA STEREO E_PHONE MC036A SY LOCAL
	3091V00832P	Cover Assembly, 29FX6ALX-ZG CW62A 29” SY-CIS
310	5020V01099C	Button, CONTROL 29FX6RGE-TA ABS 6KEY LGESY LOCAL
	5020V01099D	Button, CONTROL RT-29FX6 ABS 6KEY LGESY LOCAL(CKD) MOLD ABS
330	5020V01100C	Button, POWER 29FX6RLQ-TA ABS NON LGESY LOCAL
	5020V01100D	Button, POWER 29FX6RLQ-TA ABS 1KEY LGESY LOCAL MOLD ABS
⚠ 400	3809900192C	Cover Assembly, 29FX6ALX CW062A 29” SY-RA RA TOOL 50HZ
	3809V00595K	Cover Assembly, 29FX6ALX-ZG CW62A 29” SY-CIS
	3809V00595L	Cover Assembly, 29FX6ALX-ZG CW062A 29” SY-RA SKD CW062A
501	3210900001B	Cover, MOLD HIPS MAIN HIPS 60HR 29FX60 MC049A SY CKD
520	EBR30722701	PCB Assembly, MAIN1 M.I CW62A 29FX6ALX-ZG QRULLCU 6871 M.I.
	EBR30770304	PCB Assembly, MAIN1 M.I CW62A 29FX6ALX-ZG QDRLLBK SY TO KIEV
	EBR30770310	PCB Assembly, MAIN1 M.I CW62A 29FX6ALX-ZG KDRLLEY SY TO KIEV
530	EBR30724701	PCB Assembly, MAIN1 M.I CW62A SY TO CIS SKD MODEL CONT BOARD
	EBR30724702	PCB Assembly, SUB M.I CW62A SY TO CIS SET MODEL CONT BOARD
540	EBR30725701	PCB Assembly, MAIN1 M.I CW62A SY TO CIS SKD MODEL POWER BOARD
	EBR30725702	PCB Assembly, SUB M.I CW62A SY TO CIS SET MODEL POWER BOARD
550	EBR30726001	PCB Assembly, MAIN1 M.I SY TO CIS SKD MODEL HANMONIC BOARD
580	EBR30724001	PCB Assembly, MAIN1 M.I CW62A SY TO CIS SKD MODEL TRANS BOARD
590	EBR30724301	PCB Assembly, MAIN1 M.I CW62A SY TO CIS SKD MODEL LED BOARD
	EBR30724302	PCB Assembly, SUB M.I CW62A SY TO CIS SET MODEL LED BOARD
600	EBR30725201	PCB Assembly, MAIN1 M.I CW62A SY TO CIS SKD MODEL SIDE AV BOARD
	EBR30725202	PCB Assembly, SUB M.I CW62A SY TO CIS SET MODEL SIDE AV BOARD
913	332-229H	Screw,Customzied D280011A29 HEX + 4M 40MM FZY FZY
943	FAB30006309	Screw,Taptite 1SZZ9PB012A TH + P 4MM 16MM MSWR10 FZB

REPLACEMENT PARTS LIST

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyester CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
IC		
IC12	0IAL241610B	AT24C16A-10PI-2.7 16KBIT 2KX8BIT 2.7
IC301	0IPMGPH002A	TDA4863A 9.0VTO30.0V - 3.2W - DBS ST
IC302	0IKE455800E	KIA4558 36V_+-18V 6mV - - 500MW 30uV
IC601	0ILNR00189A	TDA7297SA 6TO18V 0 0.10% 15W 30W 56D
IC802	0ILI817000G	LTV-817M-VB 6V 35V 35V 50MA 100NA 60
IC810	0IPMG78443A	STR-X6556 16.2TO19.4V - - ZIP ST 7P
IC823	0IMCRAU004A	S1117-33PIC 4.8TO12V 3.3V 2W TO220 S
IC824	0IMCRKE020A	KIA78S06P 8.1TO21V 6V 600MW TO92 ST
IC826	0IMCRKE018A	KIA78R05API 6TO12V 5V 1.5W TO220IS S
IC901	0IPRP00747A	TDA6107AJF 180TO210V 6mA - SIP ST 9P
Q602	0IFA754207A	KA75420ZTA(KA7542ZTA) 0.3TO15V 4.2V
Q830	0IMCRFA007A	KA431AZ 2.47TO2.52V 36V 770MW TO92 T
TRANSISTOR		
Q105	0TR102009AB	KRC102M(KRC1202) NPN 30V - 50V 100MA
Q1501	0TR733009AA	KSA733C-Y PNP -5V -60V -50V -0.15A
Q201	0TR198009BA	2SA1980Y PNP -5V -50V -50V -0.15A
Q204	0TR198009BA	2SA1980Y PNP -5V -50V -50V -0.15A
Q301	0TR198009BA	2SA1980Y PNP -5V -50V -50V -0.15A
Q302	0TR205900AB	KTD2059-Y NPN 5V 100V 100V 5A 100UA
Q303	0TR127409AB	KTA1274-Y PNP -5V -80V -80V -0.4A
Q401	0TRSA10005A	2SC6090LS NPN 5V 1.5KV 700V 10A 10UA
Q402	0TR437000BA	KTC4370A-Y NPN 5V 180V 180V 1.5A 1UA
Q502	0TR198009BA	2SA1980Y PNP -5V -50V -50V -0.15A
Q503	0TR319809AA	KTC3198(KTC1815) NPN 5V 60V 50V 150M
Q504	0TR319809AA	KTC3198(KTC1815) NPN 5V 60V 50V 150M
Q505	0TR127009AA	KTA1270-Y(KTA562TM) PNP -5V -35V -30
Q506	0TR127009AA	KTA1270-Y(KTA562TM) PNP -5V -35V -30
Q603	0TR534309AA	2SC5343Y NPN 5V 60V 50V 150MA 100NA
Q803	0TR102009AB	KRC102M(KRC1202) NPN 30V - 50V 100MA
Q804	0TR534309AA	2SC5343Y NPN 5V 60V 50V 150MA 100NA
Q805	0TR102009AB	KRC102M(KRC1202) NPN 30V - 50V 100MA
Q806	0TR127409AB	KTA1274-Y PNP -5V -80V -80V -0.4A
Q809	0TR319809AA	KTC3198(KTC1815) NPN 5V 60V 50V 150M
Q810	0TR319809AA	KTC3198(KTC1815) NPN 5V 60V 50V 150M
Q811	0TR534309AA	2SC5343Y NPN 5V 60V 50V 150MA 100NA
Q840	0TR421009CA	BF421 PNP -5V -0.3KV -0.3KV -0.05A
DIODE		
D101	0DD414809ED	1N4148 1V 100V 150MA 500MA 4NSEC 500
D102	0DSVH00019A	BA282 1V 35V 100MA - - -
D11	0DD414809ED	1N4148 1V 100V 150MA 500MA 4NSEC 500
D301	0DD400509AA	1N4005 600V 1.1V 5UA 30A - DO41
D302	0DD414809ED	1N4148 1V 100V 150MA 500MA 4NSEC 500
D401	0DRSA00211A	FMV-205GUR 1.7KV 1.7V 50UA 50A 600NS
D403	0DD414809ED	1N4148 1V 100V 150MA 500MA 4NSEC 500
D405	0DRTW00164B	RGP15J 600V 1.3V 5UA 50A 250NSEC DO1

LOCA. NO	PART NO	DESCRIPTION
D406	0DRTW00164B	RGP15J 600V 1.3V 5UA 50A 250NSEC DO1
D407	0DD060009AC	TVR06J 600V 1.4V 10UA 25A 300NSEC DO
D414	0DRTW00164B	RGP15J 600V 1.3V 5UA 50A 250NSEC DO1
D444	0DD060009AC	TVR06J 600V 1.4V 10UA 25A 300NSEC DO
D606	0DD414809ED	1N4148 1V 100V 150MA 500MA 4NSEC 500
D815	0DD414809ED	1N4148 1V 100V 150MA 500MA 4NSEC 500
D818	0DD060009AC	TVR06J 600V 1.4V 10UA 25A 300NSEC DO
D820	0DD060009AC	TVR06J 600V 1.4V 10UA 25A 300NSEC DO
D823	0DRTW00141A	SFAF504G 200V 975MV 10UA 125A 35NSEC
D826	0DRTW00141A	SFAF504G 200V 975MV 10UA 125A 35NSEC
D828	0DD060009AC	TVR06J 600V 1.4V 10UA 25A 300NSEC DO
D829	0DD410000AD	RU4AM 600V 1.3V 10UA 70A 400NSEC R4
D845	0DZ150009AD	MTZJ15B 15V 13.89TO14.62V 25OHM 500M
D846	0DD400509BB	UF4005(52MM) 600V 1.7V 10UA 30A 75NS
D847	0DD060009AC	TVR06J 600V 1.4V 10UA 25A 300NSEC DO
D901	0DD060009AC	TVR06J 600V 1.4V 10UA 25A 300NSEC DO
D902	0DD060009AC	TVR06J 600V 1.4V 10UA 25A 300NSEC DO
D903	0DD060009AC	TVR06J 600V 1.4V 10UA 25A 300NSEC DO
D904	0DR140049AC	1N4004A 500V 1.1V 10UA 30A - DO41
DB801	0DRTW00131C	TS6P05G 600V 1V 5UA 150A TS6P ST 4P
ZD10	0DZ910009BD	GDZJ9.1B 9.1V 8.57TO9.01V 25OHM 500M
ZD101	0DZ330009DG	GDZJ33B 33V 30.32TO31.88V 65OHM 500M
ZD401	0DZ510009BF	GDZ5.1B 5.1V 4.94TO5.2V 20OHM 500MW
ZD402	0DZ120009AF	MTZJ12B 12V 11.44TO12.03V 25OHM 500M
ZD501	0DZ510009DB	MTZJ5.1B 5.1V 4.94TO5.2V 70OHM 500MW
ZD502	0DZ820009AH	MTZJ8.2B 8.2V 7.78TO8.19V 20OHM 500M
ZD601	0DZ820009AH	MTZJ8.2B 8.2V 7.78TO8.19V 20OHM 500M
ZD827	0DZ750009AG	MTZJ7.5B 7.5V 7.07TO7.45V 20OHM 500M
ZD910	0DZ510009BF	GDZ5.1B 5.1V 4.94TO5.2V 20OHM 500MW
ZD911	0DZ510009BF	GDZ5.1B 5.1V 4.94TO5.2V 20OHM 500MW
ZD912	0DZ510009BF	GDZ5.1B 5.1V 4.94TO5.2V 20OHM 500MW
CAPACITOR		
C103	0CE475DK618	EGR475M050T1G1C11G 4.7uF 20% 50V 50M
C107	0CE227DD618	EGR227M010T1G1E11G 220uF 20% 10V 255
C108	0CE475DK618	EGR475M050T1G1C11G 4.7uF 20% 50V 50M
C109	0CE226DK618	SMS5.0TP50VB22M 22uF 20% 50V 108MA
C1111	0CQZVBK002D	PCX2 335 91593 0.47uF 10% 275V MPP
C112	0CN1030F679	RH EP050 Y103M-B-B 10nF 20% 16V X5R
C113	0CN1030F679	RH EP050 Y103M-B-B 10nF 20% 16V X5R
C114	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C115	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C1201	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C1202	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C1501	0CE107DD618	SMS5.0TP10VB100M 100uF 20% 10V 157MA
C17	0CN1030F679	RH EP050 Y103M-B-B 10nF 20% 16V X5R
C201	0CE226DF618	EGR226M016T1G1C11G 22uF 20% 16V 75MA
C202	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C203	0CN1010K519	RH UP050 B101K-B-B 100pF 10% 50V Y5P

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LOCA. NO	PART NO	DESCRIPTION
C204	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C205	0CN1010K519	RH UP050 B101K-B-B 100pF 10% 50V Y5P
C206	0CN1010K519	RH UP050 B101K-B-B 100pF 10% 50V Y5P
C207	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C208	0CE226DF618	EGR226M016T1G1C11G 22uF 20% 16V 75MA
C209	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C210	0CN1010K519	RH UP050 B101K-B-B 100pF 10% 50V Y5P
C212	0CN1010K519	RH UP050 B101K-B-B 100pF 10% 50V Y5P
C213	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C214	0CN1010K519	RH UP050 B101K-B-B 100pF 10% 50V Y5P
C215	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C217	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C219	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C224	0CE226DF618	EGR226M016T1G1C11G 22uF 20% 16V 75MA
C225	0CE226DF618	EGR226M016T1G1C11G 22uF 20% 16V 75MA
C270	0CE227DD618	EGR227M010T1G1E11G 220uF 20% 10V 255
C271	0CE227DD618	EGR227M010T1G1E11G 220uF 20% 10V 255
C301	0CQ3931N509	PEI393K2AT 39nF 10% 100V PE -40TO+85
C302	0CQ3931N509	PEI393K2AT 39nF 10% 100V PE -40TO+85
C303	181-091D	DEHR33A102KN2A 1nF 10% 1000V Y5R
C304	0CE107DK618	EGR107M050T6G1G11G 100uF 20% 50V 270
C306	0CF1541L438	PCMT 365 76154 150nF 5% 63V MPE
C307	0CN1030F679	RH EP050 Y103M-B-B 10nF 20% 16V X5R
C308	0CE476DK618	SMS5.0TP50VB47M 47uF 20% 50V 181MA
C309	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C310	0CQ1031N509	PEI103K2AT 10nF 10% 100V PE -40TO+85
C402	0CE475DK618	EGR475M050T1G1C11G 4.7uF 20% 50V 50M
C403	0CK1520W515	DCM152K30Y5PL6FJ5A 1.5nF 10% 500V Y5
C404	0CE106DF618	SMS5. 0TP16VB10M 10uF 20% 16V 72MA
C405	181-091Y	LRYM28681KXA 680pF 10% 2000V Y5R
C408	0CE685BK652	KM5.0MC50VBBP-S6.8M 6.8uF 20% 50V 44
C411	0CE105BR618	ESM105M250T1G5E11G 1uF 20% 250V 15MA
C412	181-038K	MPP564J2ED 560nF 5% 250V MPP -40TO+8
C413	0CK2220W515	DCM222K34Y5PL6FJ5A 2.2nF 10% 500V Y5
C414	0CK2710W515	DCM271K20Y5PL6FJ5A 270pF 10% 500V Y5
C415	0CE108DH618	SMS5.0TP25VB1000M 1000uF 20% 25V 1.3
C416	181-009R	PPN223K2DH 22nF 10% 200V PP -40TO+85
C417	0CK2710W515	DCM271K20Y5PL6FJ5A 270pF 10% 500V Y5
C419	0CE108DH618	SMS5.0TP25VB1000M 1000uF 20% 25V 1.3
C420	181-010B	PPN563J2GH 56nF 5% 400V PP -40TO+85C
C421	0CK2710W515	DCM271K20Y5PL6FJ5A 270pF 10% 500V Y5
C422	0CE475DR618	EGR475M250T1G1G11G 4.7uF 20% 250V 70
C423	0CE107DJ618	SMS5.0TP35VB100M 100uF 20% 35V 291MA
C427	0CF2231Y460	PCMP389 62223 0.022uF 5% 630V MPP
C463	0CF20312460	PCMP384 92203 0.02uF 5% 2000V MPP
C501	0CF2241L438	PCMT 365 76224 220nF 5% 63V MPE -40T
C502	0CE225DK618	EGR225M050T1G1C11G 2.2uF 20% 50V 20M
C503	0CQ6821N509	PEI682K2AT 6.8nF 10% 100V PE -40TO+8
C504	0CE107DD618	SMS5.0TP10VB100M 100uF 20% 10V 157MA
C505	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C506	0CQ1031N509	PEI103K2AT 10nF 10% 100V PE -40TO+85
C509	0CE106DF618	SMS5. 0TP16VB10M 10uF 20% 16V 72MA
C510	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C512	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C513	0CE337DD618	SMS5.0TP10VB330M 330uF 20% 10V 386MA
C516	0CE226DD618	EGR226M010T1G1C11G 22uF 20% 10V 75MA
C519	181-007F	ECQ-V1H224JL3(TR) 220nF 5% 50V MPE
C520	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C530	0CN2220F569	RH EP050 X222K-B-B 2.2nF 10% 16V X7R
C531	0CN2230H949	RH TP050 F223Z-B-B 22nF -20TO+80% 25
C532	0CF4741L438	PCMT 365 76474 470nF 5% 63V MPE
C533	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C535	0CF4741L438	PCMT 365 76474 470nF 5% 63V MPE
C536	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C538	0CF4741L438	PCMT 365 76474 470nF 5% 63V MPE
C540	0CF4741L438	PCMT 365 76474 470nF 5% 63V MPE
C542	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C544	0CF4741L438	PCMT 365 76474 470nF 5% 63V MPE
C546	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C547	0CF4741L438	PCMT 365 76474 470nF 5% 63V MPE
C548	0CN2220F569	RH EP050 X222K-B-B 2.2nF 10% 16V X7R
C551	0CE226DD618	EGR226M010T1G1C11G 22uF 20% 10V 75MA
C553	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C554	0CE107DD618	SMS5.0TP10VB100M 100uF 20% 10V 157MA
C556	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C557	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C558	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C559	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C561	0CQ3931N509	PEI393K2AT 39nF 10% 100V PE -40TO+85
C562	0CQ3931N509	PEI393K2AT 39nF 10% 100V PE -40TO+85
C563	0CN1010K519	RH UP050 B101K-B-B 100pF 10% 50V Y5P
C564	0CE106DK618	SMS5.0TP50VB10M 10uF 20% 50V 72MA
C569	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C570	0CE107DF618	EGR107M016T1G1C11G 100uF 20% 16V 160
C571	0CE336DD618	EGR336M010T1G1C11G 33uF 20% 10V 85MA
C572	0CN4710K519	RH UP050 B471K-B-B 470pF 10% 50V Y5P
C573	0CX1000K409	RH UP050SL100J-B-B 10pF 5% 50V S2L
C574	0CX1000K409	RH UP050SL100J-B-B 10pF 5% 50V S2L
C575	0CX1000K409	RH UP050SL100J-B-B 10pF 5% 50V S2L
C576	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C577	0CE106DF618	SMS5. 0TP16VB10M 10uF 20% 16V 72MA
C578	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C579	0CE106DF618	SMS5. 0TP16VB10M 10uF 20% 16V 72MA
C580	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C581	0CE107DD618	SMS5.0TP10VB100M 100uF 20% 10V 157MA
C584	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C585	0CE225DK618	EGR225M050T1G1C11G 2.2uF 20% 50V 20M
C586	0CE225DK618	EGR225M050T1G1C11G 2.2uF 20% 50V 20M
C587	0CN1030F679	RH EP050 Y103M-B-B 10nF 20% 16V X5R
C590	0CE225DK618	EGR225M050T1G1C11G 2.2uF 20% 50V 20M
C591	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C592	0CE107DD618	SMS5.0TP10VB100M 100uF 20% 10V 157MA
C594	0CQ1031N509	PEI103K2AT 10nF 10% 100V PE -40TO+85
C595	181-301C	NPP100V154J10F 150nF 5% 100V PP

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LOCA. NO	PART NO	DESCRIPTION
C596	0CN1040K949	CH UP050 F104Z-B-B Z 100nF -20TO+80%
C596	0CN2230H949	RH TP050 F223Z-B-B 22nF -20TO+80% 25
C597	0CE106DF618	SMS5. 0TP16VB10M 10uF 20% 16V 72MA
C599	0CN2230H949	RH TP050 F223Z-B-B 22nF -20TO+80% 25
C602	0CE477DJ618	EGR477M035T1G1H20G 470uF 20% 35V 760
C603	0CF2241L438	PCMT 365 76224 220nF 5% 63V MPE -40T
C604	0CN6810K519	RH UP050 B681K-B-B 680pF 10% 50V Y5P
C605	0CN1030F679	RH EP050 Y103M-B-B 10nF 20% 16V X5R
C607	0CE476DH618	SMS5.0TP25VB47M 47uF 20% 25V 131MA
C609	0CN6810K519	RH UP050 B681K-B-B 680pF 10% 50V Y5P
C611	0CF2241L438	PCMT 365 76224 220nF 5% 63V MPE -40T
C807	181-091Q	LRYM5471KHA 470pF 10% 1000V Y5R -25T
C808	0CE477BH618	ESM477M025T1G5H15G 470uF 20% 25V 510
C809	0CE228BF618	ESM228M016T1G5K25G 2200uF 20% 16V 97
C811	0CE335CK636	ERN335M050T1G5C11G 3.3uF 20% 50V 30M
C812	0CK47101515	DCH471K26Y5PN6FJ5A 470pF 10% 1000V Y
C813	0CE476DD618	EGR476M010T1G1C11G 47uF 20% 10V 105M
C814	181-091W	LRYM27471KX1A 470pF 10% 2000V Y5R -2
C816	0CE227DP61A	EGR227M160T1G1M32G 220uF 20% 160V 81
C818	0CQ2231N509	PEI223K2AT 22nF 10% 100V PE -40TO+85
C820	181-120N	SDE102M09FS1 1nF 20% 4000V Y5U -25TO
C821	181-091Q	LRYM5471KHA 470pF 10% 1000V Y5R -25T
C822	0CE108DD618	SMS5.0TP10VB1000M 1000uF 20% 10V 854
C823	181-120N	SDE102M09FS1 1nF 20% 4000V Y5U -25TO
C826	0CE108DD618	SMS5.0TP10VB1000M 1000uF 20% 10V 854
C829	0CE476DD618	EGR476M010T1G1C11G 47uF 20% 10V 105M
C830	0CE3386H610	EGR338M025K6G1M26G 3300uF 20% 25V 1.
C831	0CK4710W515	DCM471K20Y5PL6FJ5A 470pF 10% 500V Y5
C833	0CK10201515	DCH102K34Y5PN6FJ5A 1nF 10% 1000V Y5P
C834	0CK10201515	DCH102K34Y5PN6FJ5A 1nF 10% 1000V Y5P
C835	0CQZVBK002A	PCX2 335 M9729 0.1uF 20% 275V MPP
C836	0CK4710W515	DCM471K20Y5PL6FJ5A 470pF 10% 500V Y5
C837	181-001Y	SMH450VN330M 330uF 20% 450V 1.55A
C838	0CE227BK618	ESM227M050T1G5H17G 220uF 20% 50V 400
C839	0CE106DH618	SMS5.0TP25VB10M 10uF 20% 25V 72MA
C840	0CE226DK618	SMS5.0TP50VB22M 22uF 20% 50V 108MA
C841	181-011B	MPPS102J3VD 1nF 5% 1.6KV MPP -40TO+8
C842	0CQ3321N509	PEI332KA2T 3.3nF 10% 100V PE -40TO+8
C843	181-007C	ECQV1H104JZ3 100nF 5% 50V MPE -40TO+
C844	0CQ1031N509	PEI103K2AT 10nF 10% 100V PE -40TO+85
C846	0CE107DD618	SMS5.0TP10VB100M 100uF 20% 10V 157MA
C848	0CE107CQ650	SHL5.0MC200VB100M 100uF 20% 200V 601
C849	0CE477DD618	EGR477M010T6G1G11G 470uF 20% 10V 425
C851	0CN1020K519	RH UP050 B102K-B-B 1nF 10% 50V Y5P
C858	181-091X	LRYM27561KXA 560pF 10% 2000V Y5R -25
C860	181-120N	SDE102M09FS1 1nF 20% 4000V Y5U -25TO
C861	181-120N	SDE102M09FS1 1nF 20% 4000V Y5U -25TO
C901	0CE475DR618	EGR475M250T1G1G11G 4.7uF 20% 250V 70
C903	181-033S	DCH122K39Y5PP7VK7A 1.2nF 10% 2000V Y
C904	0CE475DR618	EGR475M250T1G1G11G 4.7uF 20% 250V 70
C906	0CN1030F679	RH EP050 Y103M-B-B 10nF 20% 16V X5R
C910	0CN5610K519	RH UP050 B561K-B-B 560pF 10% 50V Y5P

LOCA. NO	PART NO	DESCRIPTION
R1201	0CN1010K519	RH UP050 B101K-B-B 100pF 10% 50V Y5P
R1202	0CN1010K519	RH UP050 B101K-B-B 100pF 10% 50V Y5P
COIL & INDUCTOR		
J549	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L102	0LA0102K139	Inductor,Wire Wound,Axial LAL04TB100K 10UH
L1201	0LA0102K119	Inductor,Wire Wound,Axial LAL02TB100K 10UH
L1202	0LA0102K119	Inductor,Wire Wound,Axial LAL02TB100K 10UH
L204	0LA0102K119	Inductor,Wire Wound,Axial LAL02TB100K 10UH
L206	0LA0102K119	Inductor,Wire Wound,Axial LAL02TB100K 10UH
L207	0LA0102K119	Inductor,Wire Wound,Axial LAL02TB100K 10UH
L401	150-717J	Coil,Choke RN-29FB50 560uH
L402	6140VE0001J	Coil,Linearity CN29F1 20uH 18X41MM
L501	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L503	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L504	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L505	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L506	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L507	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L509	0LA0102K119	Inductor,Wire Wound,Axial LAL02TB100K 10UH
L511	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L514	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L548	0LA0121K119	Inductor,Wire Wound,Axial LAL02TB1R2K 1.2UH
L801	150-C02E	Coil,Choke 50uH 50V 0A 12X17MM
T401	151-C02M	Transformer,Linear EI19 10V 100V 200MH 1A
T402	6174V-5003L	Transformer,FBT BSC28-N2334 - 115V
T801	61709MC003C	Transformer,Switching EER4942 300UH EER4942
TP801	6170VZ0007A	Transformer,Switching 6170VZ0007A TS4134
CONNECTOR		
C1	366-036B	SWMGS-2 1P NON 1R STRAIGHT DIP TP WH
C2	366-036B	SWMGS-2 1P NON 1R STRAIGHT DIP TP WH
C3	366-036B	SWMGS-2 1P NON 1R STRAIGHT DIP TP WH
C4	387-916M	387-916M BH10009 BH10009 800mM
C5	450-018C	BS901 - STRAIGHT RF ADAPTER WIRE BK
C6	6631V25014D	GIL-G-03 35097-9702_35098-9702 900mM
C7	6631V25034E	TJC25-4Y 35097-9702_35098-9702 500mM
JW8A	387-907C	387-907C MXH8610 BH10009 200mM 3.00M
JW8B	387-907C	387-907C MXH8610 BH10009 200mM 3.00M
P06B	387-A07E	GIL-G-07 GIL-J-07 300mM 2.50MM 7P UL
P07B	387-A04E	GIL-G-04 GIL-J-04 300mM 2.50MM 4P UL
P101	366-932B	GIL-G-03P-S3T2-E 3P 2.50MM 1R STRAIG
P10A	366-932B	GIL-G-03P-S3T2-E 3P 2.50MM 1R STRAIG
P1110	387-552M	YFH800-02 YFH800-02 200mM 8.00MM 2P
P13A	366-921G	GIL-G-08P-S3T2-E 8P 2.50MM 1R STRAIG
P14A	366-932F	GIL-G-07P-S3T2-E 7P 2.50MM 1R STRAIG
P1501B	366-932B	GIL-G-03P-S3T2-E 3P 2.50MM 1R STRAIG
P1501B	387-A03K	GIL-G-03 GIL-J-03 600mM 2.50MM 3P UL
P1502B	366-932C	GIL-G-04P-S3T2-E 4P 2.50MM 1R STRAIG
P1503B	366-932D	GIL-G-05P-S3T2-E 5P 2.50MM 1R STRAIG
P1504B	387-A03B	GIL-G-03 GIL-J-03 150mM 2.50MM 3P UL
P201A	366-932E	GIL-G-06P-S3T2-E 6P 2.50MM 1R STRAIG

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LOCA. NO	PART NO	DESCRIPTION
P201B	387-A06J	GIL-G-06 GIL-J-06 500mM 2.50MM 6P UL
P401	366-043K	35929-0410 4P 10.00MM 1R STRAIGHT DI
P403A	6631V25A16G	GIL-J-04 GIL-J-04 400mM 2.50MM 4P UL
P601	366-932B	GIL-G-03P-S3T2-E 3P 2.50MM 1R STRAIG
P602	366-932C	GIL-G-04P-S3T2-E 4P 2.50MM 1R STRAIG
P902B	387-A08J	ID001258 GIL-G-08 GIL-J-08 500mM 2.5
PP801	387-552S	YFH800-02 YFH800-02 400mM 8.00MM 2P
RESISTOR		
FR403	0RP0050H709	SPF92T1KR050 0.05OHM 10% 1/2W 3.2X2.
FR404	0RP0050H709	SPF92T1KR050 0.05OHM 10% 1/2W 3.2X2.
FR405	0RP0050H709	SPF92T1KR050 0.05OHM 10% 1/2W 3.2X2.
FR901	0RF0470K607	FNS02T3JR470 0.47OHM 5% 2W 12.0X4.0M
J230	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
J231	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
L1501	0RD0472F609	RD-96T1J47R0 47OHM 5% 1/6W 3.2X1.8MM
L203	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
L208	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
L214	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
L215	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
L216	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
L217	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
L510	0RD0222A609	RDM92T1J22R0 22OHM 5% 1/2W 6.5X2.3MM
R101	0RD3902F609	RD-96T1J39K0 39KOHM 5% 1/6W 3.2X1.8M
R103	0RD2202F609	RD-96T1J22K0 22KOHM 5% 1/6W 3.2X1.8M
R110	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R111	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R112	0RD6802F609	RD-96T1J68K0 68KOHM 5% 1/6W 3.2X1.8M
R1146	0RD3601F609	RD-96T1J3K60 3.6KOHM 5% 1/6W 3.2X1.8
R1147	0RD1501F609	RD-96T1J1K50 1.5KOHM 5% 1/6W 3.2X1.8
R1148	0RD1801F609	RD-96T1J1K80 1.8KOHM 5% 1/6W 3.2X1.8
R1149	0RD2401F609	RD-96T1J2K40 2.4KOHM 5% 1/6W 3.2X1.8
R1150	0RD5601F609	RD-96T1J5K60 5.6KOHM 5% 1/6W 3.2X1.8
R117	0RD1002F609	RD-96T1J10K0 10KOHM 5% 1/6W 3.2X1.8M
R119	0RD3301F609	RD-96T1J3K30 3.3KOHM 5% 1/6W 3.2X1.8
R120	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R121	0RD2201F609	RD-96T1J2K20 2.2KOHM 5% 1/6W 3.2X1.8
R15	0RD1002F609	RD-96T1J10K0 10KOHM 5% 1/6W 3.2X1.8M
R1501	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R1502	0RD1301F609	RD-96T1J1K30 1.3KOHM 5% 1/6W 3.2X1.8
R1503	0RD3300F609	RD-96T1J330R 330OHM 5% 1/6W 3.2X1.8M
R201	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R201	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R202	0RD0752F609	RD-96T1J75R0 75OHM 5% 1/6W 3.2X1.8MM
R203	0RD0682F609	RD-96T1J68R0 68OHM 5% 1/6W 3.2X1.8MM
R204	0RD0752F609	RD-96T1J75R0 75OHM 5% 1/6W 3.2X1.8MM
R205	0RD0752F609	RD-96T1J75R0 75OHM 5% 1/6W 3.2X1.8MM
R206	0RD0752F609	RD-96T1J75R0 75OHM 5% 1/6W 3.2X1.8MM
R207	0RD5602F609	RD-96T1J56K0 56KOHM 5% 1/6W 3.2X1.8M
R209	0RD0682F609	RD-96T1J68R0 68OHM 5% 1/6W 3.2X1.8MM
R212	0RD1201A609	RDM92T1J1K20 1.2KOHM 5% 1/2W 6.5X2.3
R213	0RD1201F609	RD-96T1J1K20 1.2KOHM 5% 1/6W 3.2X1.8

LOCA. NO	PART NO	DESCRIPTION
R214	0RD5602F609	RD-96T1J56K0 56KOHM 5% 1/6W 3.2X1.8M
R215	0RD2402F609	RD-96T1J24K0 24KOHM 5% 1/6W 3.2X1.8M
R216	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R217	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R220	0RD0752F609	RD-96T1J75R0 75OHM 5% 1/6W 3.2X1.8MM
R221	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R221	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R222	0RD1201F609	RD-96T1J1K20 1.2KOHM 5% 1/6W 3.2X1.8
R223	0RD1201F609	RD-96T1J1K20 1.2KOHM 5% 1/6W 3.2X1.8
R225	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R226	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R227	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R228	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R229	0RD2402F609	RD-96T1J24K0 24KOHM 5% 1/6W 3.2X1.8M
R23	0RD0151A609	RDM92T1J1R50 1.5OHM 5% 1/2W 6.5X2.3M
R252	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R253	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R26	0RD1300F609	RD-96T1J130R 130OHM 5% 1/6W 3.2X1.8M
R301	0RD2701F609	RD-96T1J2K70 2.7KOHM 5% 1/6W 3.2X1.8
R303	0RD2400A609	RDM92T1J240R 240OHM 5% 1/2W 6.5X2.3M
R304	0RD0561A609	RDM92T1J5R60 5.6OHM 5% 1/2W 6.5X2.3M
R306	0RD1002F609	RD-96T1J10K0 10KOHM 5% 1/6W 3.2X1.8M
R307	0RD3601F609	RD-96T1J3K60 3.6KOHM 5% 1/6W 3.2X1.8
R308	0RN4702F409	RN-96T1F47K0 47KOHM 1% 1/6W 3.2X1.8M
R309	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R310	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R314	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R316	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R317	0RD2402F609	RD-96T1J24K0 24KOHM 5% 1/6W 3.2X1.8M
R318	0RN2001F409	RN-96T1F2K00 2KOHM 1% 1/6W 3.2X1.8MM
R319	0RN3902F409	RN-96T1F39K0 39KOHM 1% 1/6W 3.2X1.8M
R320	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R321	0RD0561A609	RDM92T1J5R60 5.6OHM 5% 1/2W 6.5X2.3M
R322	0RD1501F609	RD-96T1J1K50 1.5KOHM 5% 1/6W 3.2X1.8
R323	0RD2702F609	RD-96T1J27K0 27KOHM 5% 1/6W 3.2X1.8M
R324	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R325	0RS2701H609	RS-92T1J2K70 2.7KOHM 5% 1/2W 9.0X3.0
R326	0RD1501A609	RDM92T1J1K50 1.5KOHM 5% 1/2W 6.5X2.3
R328	0RN4702F409	RN-96T1F47K0 47KOHM 1% 1/6W 3.2X1.8M
R331	0RN0471H509	RN-92T1G4R70 4.7OHM 2% 1/2W 9.0X3.0M
R332	0RN0471H509	RN-92T1G4R70 4.7OHM 2% 1/2W 9.0X3.0M
R403	0RD5600A609	RDM92T1J560R 560OHM 5% 1/2W 6.5X2.3M
R404	0RP0050H709	SPF92T1KR050 0.05OHM 10% 1/2W 3.2X2.
R407	0RD0332A609	RDM92T1J33R0 33OHM 5% 1/2W 6.5X2.3MM
R408	0RD6801F609	RD-96T1J6K80 6.8KOHM 5% 1/6W 3.2X1.8
R409	0RS2002H609	RS-92T1J20K0 20KOHM 5% 1/2W 9.0X3.0M
R410	0RS5602H609	RS-92T1J56K0 56KOHM 5% 1/2W 9.0X3.0M
R411	0RS1001H609	RS-92T1J1K00 1KOHM 5% 1/2W 9.0X3.0MM
R412	0RD7501A609	RDM92T1J7K50 7.5KOHM 5% 1/2W 6.5X2.3
R415	0RD1002F609	RD-96T1J10K0 10KOHM 5% 1/6W 3.2X1.8M
R417	0RD5103F609	RD-96T1J510K 510KOHM 5% 1/6W 3.2X1.8
R433	0RS1801K619	SMR02R1J1K8R 1.8KOHM 5% 2W 8.6X3.5MM

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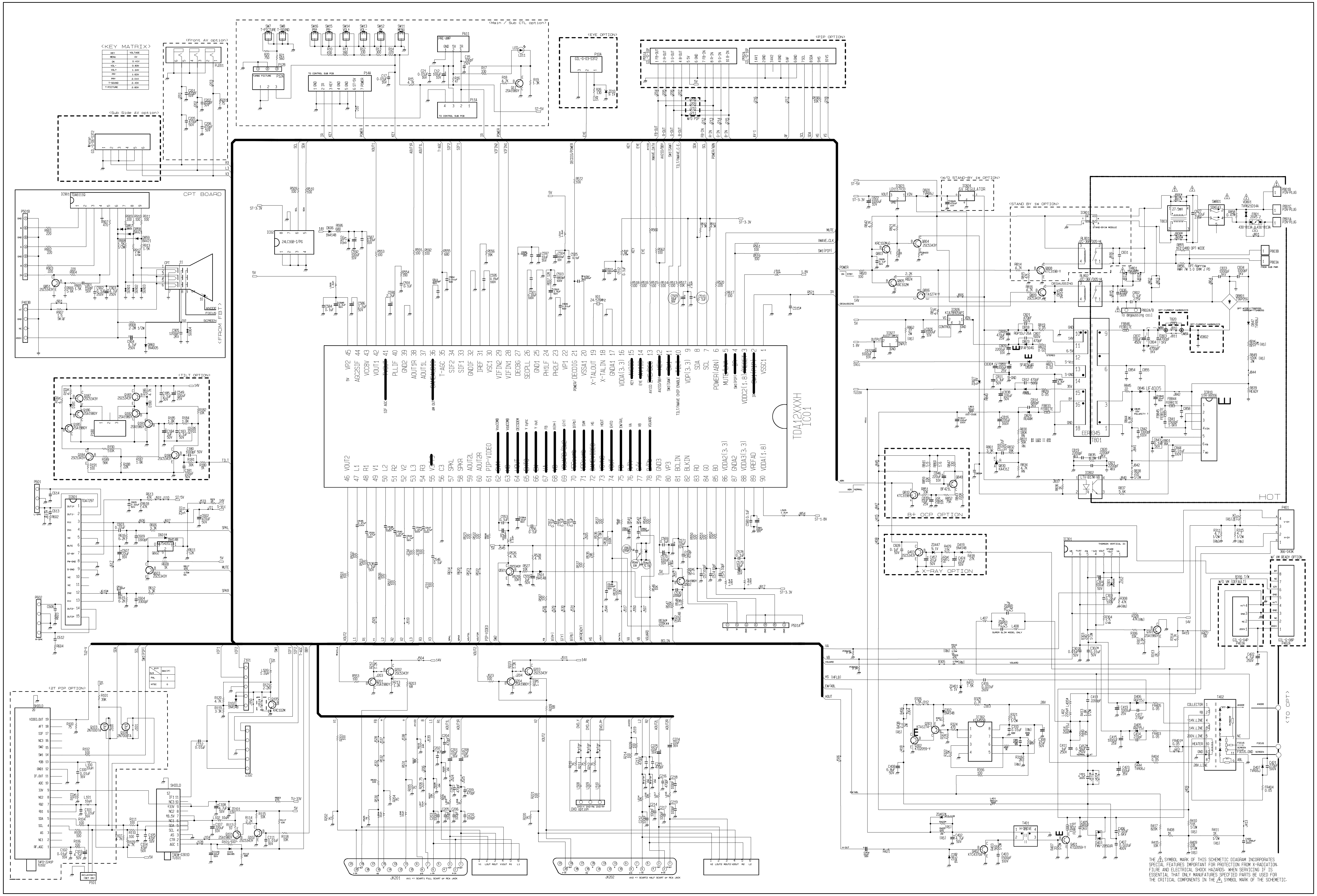
LOCA. NO	PART NO	DESCRIPTION
R435	0RS2700K607	RSD02T3J270R 270OHM 5% 2W 12.0X4.0MM
R438	0RS0221K619	SML02R0J2R20 2.2OHM 5% 2W 8.6X3.5MM
R440	0RMZVBK002D	RSR05V-J15K0 15KOHM 5% 5W 14X9.5X25.
R448	0RS0221K619	SML02R0J2R20 2.2OHM 5% 2W 8.6X3.5MM
R506	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R506	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R507	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R507	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R509	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R510	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R511	0RD3301F609	RD-96T1J3K30 3.3KOHM 5% 1/6W 3.2X1.8
R512	0RD3301F609	RD-96T1J3K30 3.3KOHM 5% 1/6W 3.2X1.8
R513	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R514	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R515	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R516	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R518	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R519	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R521	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R525	0RD0752F609	RD-96T1J75R0 75OHM 5% 1/6W 3.2X1.8MM
R534	0RD1504F609	CR1/8TB1M5J 1.5MOHM 5% 1/8W 3.2X1.8M
R535	0RD2402F609	RD-96T1J24K0 24KOHM 5% 1/6W 3.2X1.8M
R536	0RD1801F609	RD-96T1J1K80 1.8KOHM 5% 1/6W 3.2X1.8
R537	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R538	0RD1803F609	RD-96T1J180K 180KOHM 5% 1/6W 3.2X1.8
R539	0RD1003F609	RD-96T1J100K 100KOHM 5% 1/6W 3.2X1.8
R540	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R543	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R545	0RD0752F609	RD-96T1J75R0 75OHM 5% 1/6W 3.2X1.8MM
R547	0RD1203F609	RD-96T1J120K 120KOHM 5% 1/6W 3.2X1.8
R548	0RD2200F609	RD-96T1J220R 220OHM 5% 1/6W 3.2X1.8M
R549	0RD2201F609	RD-96T1J2K20 2.2KOHM 5% 1/6W 3.2X1.8
R550	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R551	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R552	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R553	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R554	0RD1501F609	RD-96T1J1K50 1.5KOHM 5% 1/6W 3.2X1.8
R554	0RD3900F609	RD-96T1J390R 390OHM 5% 1/6W 3.2X1.8M
R555	0RD6800F609	RD-96T1J680R 680OHM 5% 1/6W 3.2X1.8M
R556	0RN3902F409	RN-96T1F39K0 39KOHM 1% 1/6W 3.2X1.8M
R557	0RD1202F609	RD-96T1J12K0 12KOHM 5% 1/6W 3.2X1.8M
R563	0RD1501A609	RDM92T1J1K50 1.5KOHM 5% 1/2W 6.5X2.3
R566	0RN4701F409	RN-96T1F4K70 4.7KOHM 1% 1/6W 3.2X1.8
R567	0RN4701F409	RN-96T1F4K70 4.7KOHM 1% 1/6W 3.2X1.8
R569	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R569	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R572	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R580	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R581	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R582	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R583	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R584	0RD0101F609	RD-96T1J1R00 1OHM 5% 1/6W 3.2X1.8MM

LOCA. NO	PART NO	DESCRIPTION
R585	0RD0101F609	RD-96T1J1R00 1OHM 5% 1/6W 3.2X1.8MM
R587	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R591	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R592	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R595	0RD6800F609	RD-96T1J680R 680OHM 5% 1/6W 3.2X1.8M
R606	0RD8202F609	RD-96T1J82K0 82KOHM 5% 1/6W 3.2X1.8M
R608	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R611	0RD1202F609	RD-96T1J12K0 12KOHM 5% 1/6W 3.2X1.8M
R612	0RD8202F609	RD-96T1J82K0 82KOHM 5% 1/6W 3.2X1.8M
R613	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R616	0RD3003F609	RD-96T1J300K 300KOHM 5% 1/6W 3.2X1.8
R617	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R618	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R619	0RD3003F609	RD-96T1J300K 300KOHM 5% 1/6W 3.2X1.8
R801	0RN2702F409	RN-96T1F27K0 27KOHM 1% 1/6W 3.2X1.8M
R811	0RD1002F609	RD-96T1J10K0 10KOHM 5% 1/6W 3.2X1.8M
R812	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R813	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R813	0RD4702F609	RD-96T1J47K0 47KOHM 5% 1/6W 3.2X1.8M
R816	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R817	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R819	0RP0050H709	SPF92T1KR050 0.05OHM 10% 1/2W 3.2X2.
R820	0RD1000F609	RD-96T1J100R 100OHM 5% 1/6W 3.2X1.8M
R821	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R822	0RP0020J809	SPF01T1MR020 0.02OHM 20% 1W 6.5X2.3M
R823	0RP0020J809	SPF01T1MR020 0.02OHM 20% 1W 6.5X2.3M
R824	0RD2701F609	RD-96T1J2K70 2.7KOHM 5% 1/6W 3.2X1.8
R825	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R826	0RD0472F609	RD-96T1J47R0 47OHM 5% 1/6W 3.2X1.8MM
R829	0RP0050H709	SPF92T1KR050 0.05OHM 10% 1/2W 3.2X2.
R830	0RN1803F409	RN-96T1F180K 180KOHM 1% 1/6W 3.2X1.8
R831	0RN2202F409	RN-96T1F22K0 22KOHM 1% 1/6W 3.2X1.8M
R832	0RD3902F609	RD-96T1J39K0 39KOHM 5% 1/6W 3.2X1.8M
R834	0RN4701F409	RN-96T1F4K70 4.7KOHM 1% 1/6W 3.2X1.8
R835	0RKZVTA001C	RN-92T1J8M20 8.2MOHM 5% 1/2W 9.0X3.0
R836	0RD1001F609	RD-96T1J1K00 1KOHM 5% 1/6W 3.2X1.8MM
R837	0RD5601F609	RD-96T1J5K60 5.6KOHM 5% 1/6W 3.2X1.8
R838	0RD2200A609	RDM92T1J220R 220OHM 5% 1/2W 6.5X2.3M
R841	0RF0201K607	FNS02T3J2R00 2OHM 5% 2W 12.0X4.0MM
R842	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R843	0RD2203F609	RD-96T1J220K 220KOHM 5% 1/6W 3.2X1.8
R844	0RD6801F609	RD-96T1J6K80 6.8KOHM 5% 1/6W 3.2X1.8
R845	0RD0471F609	RD-96T1J4R70 4.7OHM 5% 1/6W 3.2X1.8M
R847	0RD3900F609	RD-96T1J390R 390OHM 5% 1/6W 3.2X1.8M
R850	0RD4701F609	RD-96T1J4K70 4.7KOHM 5% 1/6W 3.2X1.8
R851	0RD8202F609	RD-96T1J82K0 82KOHM 5% 1/6W 3.2X1.8M
R852	0RD1003F609	RD-96T1J100K 100KOHM 5% 1/6W 3.2X1.8
R858	0RKZVTA001K	RN-92T1J470K 470KOHM 5% 1/2W 9.0X3.0
R859	0RD1002A609	RDM92T1J10K0 10KOHM 5% 1/2W 6.5X2.3M
R860	0RF0201K607	FNS02T3J2R00 2OHM 5% 2W 12.0X4.0MM
R861	0RD3901F609	RD-96T1J3K90 3.9KOHM 5% 1/6W 3.2X1.8
R901	0RD2200F609	RD-96T1J220R 220OHM 5% 1/6W 3.2X1.8M

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyester CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R902	0RD2200F609	RD-96T1J220R 220OHM 5% 1/6W 3.2X1.8M
R903	0RD2200F609	RD-96T1J220R 220OHM 5% 1/6W 3.2X1.8M
R906	0RD1201A609	RDM92T1J1K20 1.2KOHM 5% 1/2W 6.5X2.3
R907	0RD1201A609	RDM92T1J1K20 1.2KOHM 5% 1/2W 6.5X2.3
R908	0RD1201A609	RDM92T1J1K20 1.2KOHM 5% 1/2W 6.5X2.3
R909	0RS2201H609	RSD92T1J2K20 2.2KOHM 5% 1/2W 6.5X2.3
R910	0RS2201H609	RSD92T1J2K20 2.2KOHM 5% 1/2W 6.5X2.3
R911	0RS2201H609	RSD92T1J2K20 2.2KOHM 5% 1/2W 6.5X2.3
R912	0RD2204A609	RDM92T1J2M20 2.2MOHM 5% 1/2W 6.5X2.3
R920	0RD4703A609	RDM92T1J470K 470KOHM 5% 1/2W 6.5X2.3
R925	0RD2200F609	RD-96T1J220R 220OHM 5% 1/6W 3.2X1.8M
SWITCH		
SW1101	140-315A	THVH472GBC 1C1P 12VDC 0.05A VERTICAL
SW1102	140-315A	THVH472GBC 1C1P 12VDC 0.05A VERTICAL
SW1103	140-315A	THVH472GBC 1C1P 12VDC 0.05A VERTICAL
SW1104	140-315A	THVH472GBC 1C1P 12VDC 0.05A VERTICAL
SW1105	140-315A	THVH472GBC 1C1P 12VDC 0.05A VERTICAL
SW1106	140-315A	THVH472GBC 1C1P 12VDC 0.05A VERTICAL
SWP801	6600VM2002A	SDKEA3012A AC 250VAC 8A 1PCS 2C1P
SPARK GAP, AXIAL		
SG901	165-004A	152F-L3N/S-23 1.5KV 1.5KV - 5MM BK
SG902	165-004A	152F-L3N/S-23 1.5KV 1.5KV - 5MM BK
SG903	165-004A	152F-L3N/S-23 1.5KV 1.5KV - 5MM BK
SG904	6918VAX002H	WSP-122N AXIAL 1.2KV 1.2KV - - TP
SG911	6918VAX002E	WSP-351M AXIAL 350V 350V - 7.5MM TP
SG912	6918VAX002E	WSP-351M AXIAL 350V 350V - 7.5MM TP
SG913	6918VAX002E	WSP-351M AXIAL 350V 350V - 7.5MM TP
FILTER & CRYSTAL		
FB401	125-022K	125-022K 20OHM 3.5X6MM AXIAL TP
FB802	125-022K	125-022K 20OHM 3.5X6MM AXIAL TP
FB803	125-022K	125-022K 20OHM 3.5X6MM AXIAL TP
FB833	125-022K	125-022K 20OHM 3.5X6MM AXIAL TP
FB844	125-022K	125-022K 20OHM 3.5X6MM AXIAL TP
FB845	125-022K	125-022K 20OHM 3.5X6MM AXIAL TP
FB846	125-022K	125-022K 20OHM 3.5X6MM AXIAL TP
T1111	150-F06P	150-F06P 10MH 32X22X38MM SQE2930 RAD
T803	150-F06U	150-F06U 20MH 38X26X43MM SQE3535 RAD
X01	156-A01Z	HC-49/U 24.576MHZ 50PPM 24.576MHZ 50
Z101	166-A01B	K3953M 33.90MHZ 38.90MHZ 17X3.9X8.7M
Z102	6200QL3003G	K9650M(B39389-K9650-M100) 33.90_38.9
JACK		
JK1203	6613V00004B	PJ6054B 14.0MM 3RX1C ANGLE TR 3PORTS
JK201	6612M00005A	UPJ-R1-027 21P 21P/1C 3.81MM ANGLE D
JK202	6613V00025A	PSC002-01 24P SCART/RCA 14MM ANGLE
MISCELLANEOUS		
FP801	0FS4001B51D	Fuse,Time Delay 0218 004. GLASS 250V 4A
LD1501	0DL310800AA	LED,DIP HTR3108BDA RED 13mCD BK

LOCA. NO	PART NO	DESCRIPTION
R855	6322TA080AB	Thermistor,NTC TP8D15LKBESMNR 8OHM
SK901	6620VBC003A	Socket,CRT PCS030A 8P 15.24MM
SW	SAA30042202	S/W,Firmware 3.14 407C
TH801	163-058D	Thermistor,PTC J503P83D070M290X 14OHM
TU101	6700MF0018A	Tuner,Analog TAEA-G011D PAL-B/G+I+M+D/K
VD1111	164-003G	Varistor, TVR14621 620V 10% 250pF
ACCESSORIES		
A1	38289U0579H	Manual, USER LG RUS/BZ03 RU/EN 112 TX
A2	6710V00124V	Remote Controller, 29FS2 W/O PIP W/ TXT



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